



Black & Decker®

Parts Catalog

AUTOMOTIVE SERVICE TOOLS



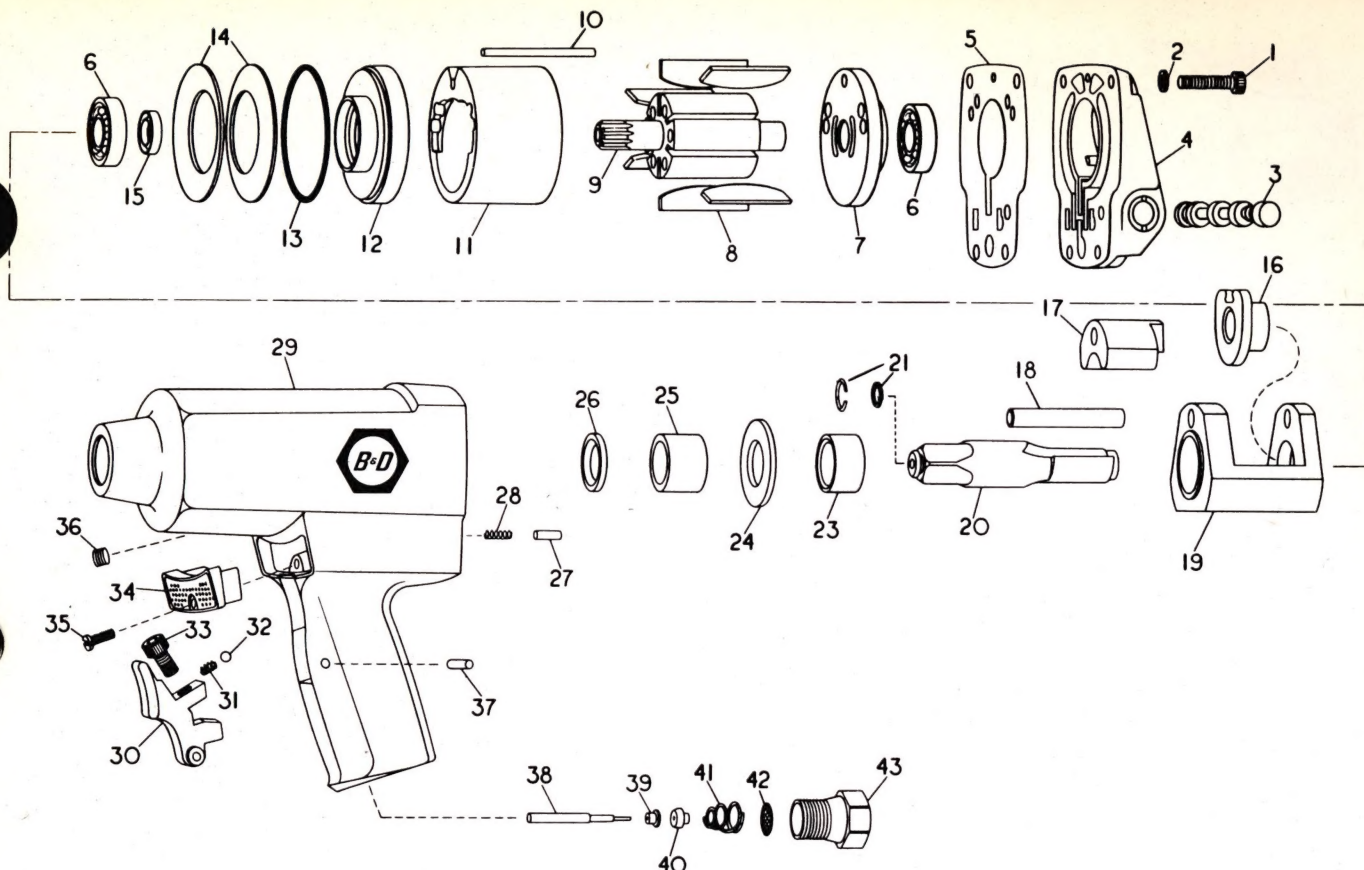
AIR and ELECTRIC

IMPACT WRENCHES ■ FINISHING SANDERS ■ RIGHT ANGLE
SANDERS AND POLISHERS ■ DRILLS ■ JIG AND CIRCULAR SAWS
POWER CHISELS ■ VACUUM CLEANERS ■ BENCH GRINDERS
ENGINE RECONDITIONING EQUIPMENT ■ 12-V WINCHES

All Black & Decker parts are available from your nearest B&D Service Center. See listing on back cover of this book.

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6488	Tire Stud Gun	36	6904	12 Volt DC Winch	75



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	20657	10-32 x 1" Soc. Hd. Cap Screw	4	24	85594	Washer	1	EXTRA EQUIPMENT			
2	417	#10 Lockwasher	4	25	85997	Sleeve Bearing	1	60538	4 oz. Moisture-Gard Oil		
3	85982	Reverse Valve	1	26	37847	Seal	1	60537	4 oz. Mechanism Oil		
4	86005	Rear Cover & Sleeve	1	27	51710	Pin	1	SPECIAL PARTS FOR CAT. #6541, TYPE 1			
5	86003	Gasket	1	28	72367	Spring	1	20	87622-01	Clutch Shank (Inc. Item #21)	1
6	88069	Ball Bearing	2	29	85995-01	Housing (Inc. items #25, 26, 45)	1	SPECIAL PARTS FOR CAT. #6541-06 TYPE 1			
7	85991	Rear End Plate	1	30	71294	Trigger	1	20	87622-03	Clutch Shank (Inc. Item #21) 1" Extended for Metric Flip Socket.	
8	66779	Rotor Blades	6	31	71334	Spring	1				
9	85993	Rotor	1	32	475	Ball	1				
10	85981	Pin	1	33	85180	1/4-28 Soc. Hd. Cap Screw	1				
11	85985	Liner	1	34	86006	Muffler	1				
12	85989	Front End Plate (Inc. #15)	1	35	99275-06	6-32 x 3/8 Pan Hd. Screw	1				
13	696108	"O" Ring	1	36	48863-01	Pipe Plug	1				
14	85983	Belleville Washer	2	37	99229-05	Roller	1				
15	85988	Seal	1	38	71282	Valve Stem	1				
16	71890	Cam Driver	1	39	87086	Cap	1				
17	91772	Clutch Dog	1	40	71284	Valve	1				
18	66775	Pin	1	41	86708	Spring	1				
19	85979	Clutch Body	1	42	86709	Screen	1				
20	87622	Clutch Shank (Cat. #6540) (Inc. item #21)	1	43	85578	Inlet Bushing	1				
21	87682	Spring Ring Assembly	1	PARTS NOT SHOWN:							
23	85980	Sleeve	1	85808-01	Nameplate		1				
				695466	Caplug		1				



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

1/2" AIR IMPACT WRENCH

Cat. No.	Type	Shank
6540	1	1/2" Square
6541	1	1/4" Sq. Extended



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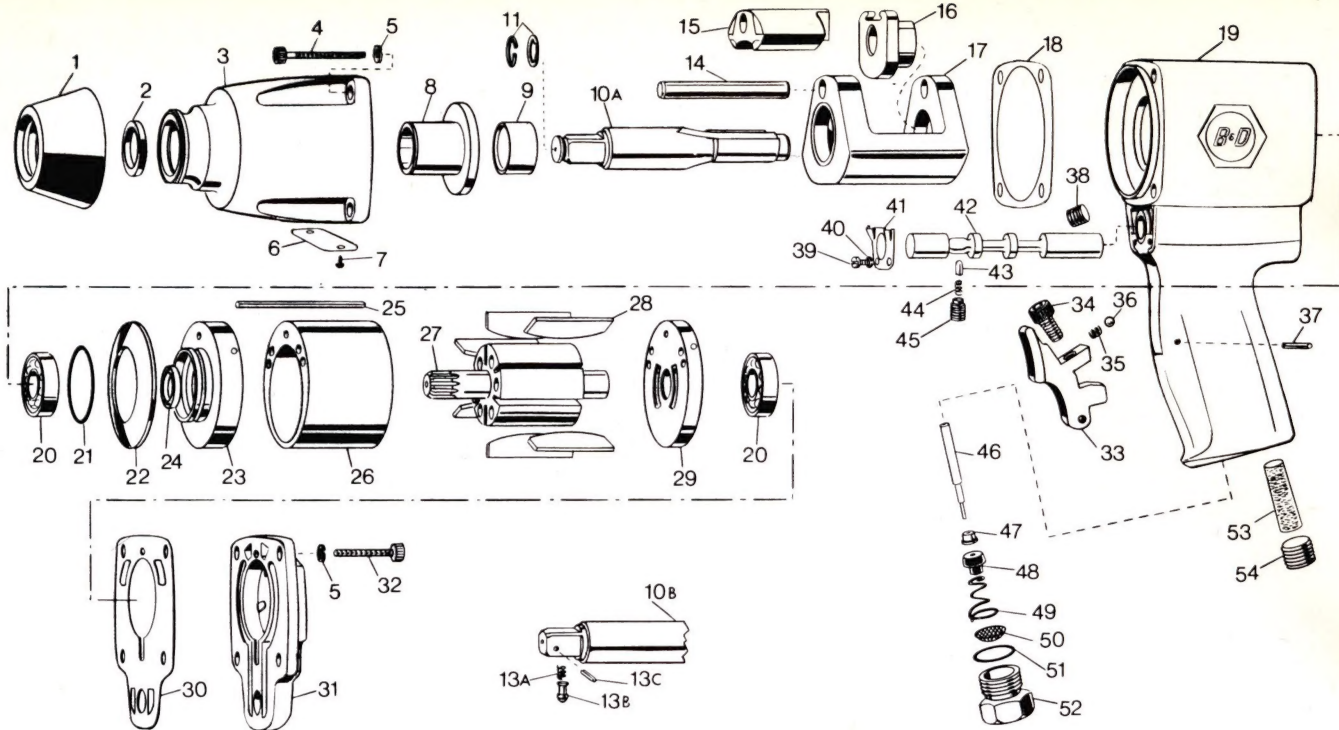
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1/2" AIR IMPACT WRENCH

Cat. No.	Type	Shank
6540	1	1/2" Square
6541	1	1/2" Sq. Extended
6541-06	1	1/2" Sq. Ext. Metric

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A. BULLETIN NO. 7014-5



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	71303	Bumper	1	20	49897	Ball Bearing	2	49	71285	Conical Spring	1
2	37847	Seal	1	21	59989	O-Ring	1	50	54436	Filter Screen	1
3	74831	Barrel (Incl. Items #2 and #8)	1	22	71293	Belleville Spring	1	51	700245	O-Ring	1
4	56302	10-32 x 1½" Soc. Hd. Cap Screw	4	23	71871	Front End Plate (Incl. Item #24)	1	52	71287	Inlet Bushing	1
5	417	Lock Washer	8	24	49875	Seal	1	53	49336	Felt Oiler	1
6	72106	Nameplate	1	25	85981	Pin	1	54	697207	Filler Plug	1
7	14437	Drive Screw	2	26	71279	Cylinder Liner	1	EXTRA EQUIPMENT: 60538 4 oz. Moisture-Gard Oil 60537 4 oz. Mechanism Oil			
8	71302	Flanged Sleeve Bearing	1	27	71889	Rotor	1				
9	85980	Sleeve	1	28	66779	Rotor Blades	6				
10A	87622-00	½" Sq. Clutch Shank (Incl. #11, Cat. No. 6545)	1	29	71330	Rear End Plate	1				
	87622-02	½" Sq. Ext. Clutch Shank (Incl. #11, Cat. No. 6545)	1	30	71298	Gasket	1				
10B	71887	⅝" Sq. Clutch Shank (Incl. #13A, #13B, #13C. Cat. No. 6546)	1	31	68949-01	Rear Cover	1				
11	87682	Spring Ring Assembly	1	32	22538	10-32 x 1⅝" Soc. Hd. Cap Screw	4				
13A	38769	Spring	1	33	71294	Trigger	1				
13B	46373	Detent Pin	1	34	85180	Adj. Screw	1				
13C	46376	Roll Pin	1	35	38769	Spring	1				
14	66775	Clutch Pin	1	36	475	Ball	1				
15	91772	Clutch Dog	1	37	99229-05	Roller Pin	1				
16	71890	Cam Driver	1	38	48863-01	Pipe Plug	1				
17	85979	Clutch Body	1	39	99317-04	Screw & Washer	2				
18	71301	Gasket	1	41	71289	Baffle	1				
19	71275-01	Housing (with valve sleeve and washer	1	42	71292	Reverse Valve	1				
				43	72824	Detent Pin	1				
				44	72825	Spring	1				
				45	72823	Detent Screw	1				
				46	71282	Valve Stem	1				
				47	74686	Valve Cap	1				
				48	71284	Valve	1				



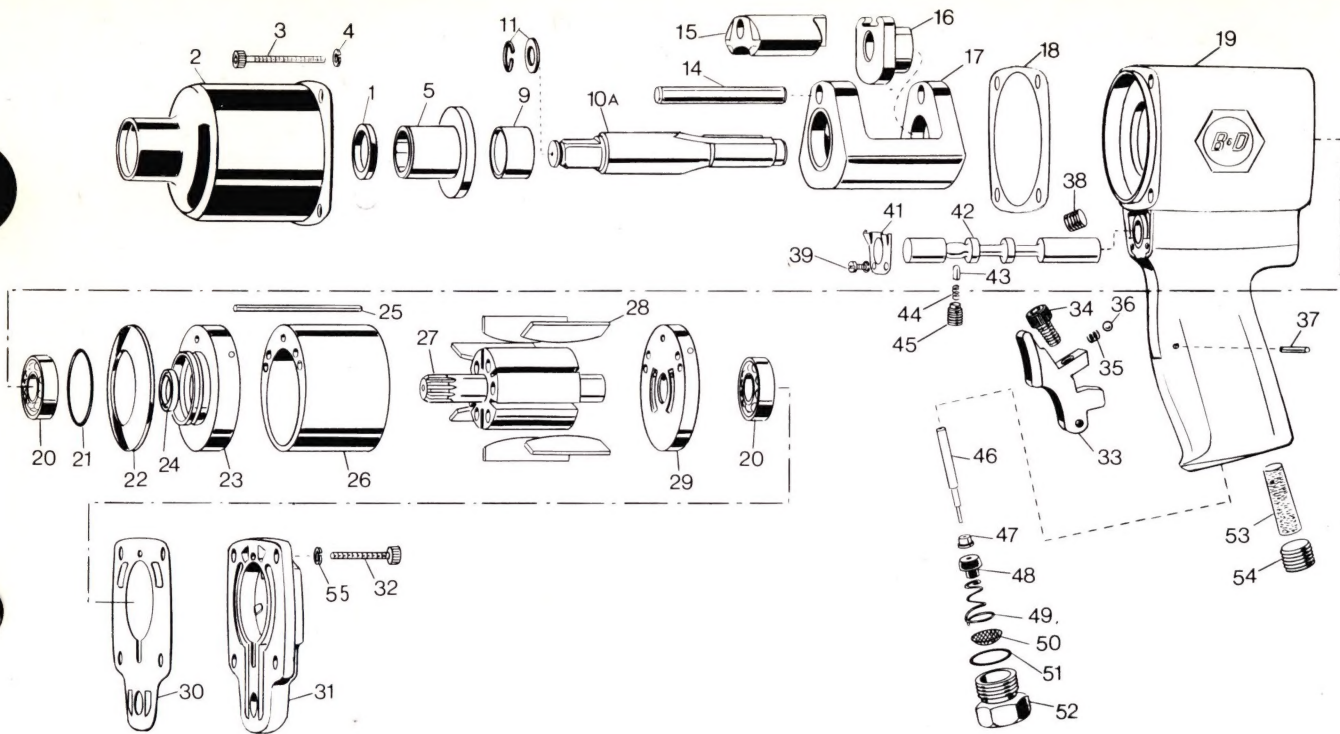
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½" AIR IMPACT WRENCH

Cat. No.	Type	Shank
6544	5	½" Square
6545	5	½" Sq. Extended
6546	5	⅝" Square

The Black & Decker Mfg. Co.



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	37847	Seal	1	26	71279	Cylinder Liner	1
2	74946	Barrel (Incl. Items #1 and #5)	1	27	71889	Rotor	1
3	56302	10-32 x 1 1/2" Soc. Hd. Cap Screw	4	28	66779	Rotor Blades	6
4	99386-04	Lock Washer	4	29	71330	Rear End Plate	1
5	85199	Flanged Sleeve Bearing	1	30	71298	Gasket	1
9	66776	Sleeve	1	31	68949-01	Rear Cover	1
10A	87622	1/2" Sq. Clutch Shank (Incl. #11, Cat. No. 6551)	1	32	22538	10-32 x 1 1/8" Soc. Hd. Cap Screw	4
	87622-02	1/2" Sq. Ext. Clutch Shank (Incl. #11 Cat. No. 6552)	1	33	71294	Trigger	1
11	87682	Spring Ring Assembly	1	34	85180	Adj. Screw	1
14	66775	Clutch Pin	1	35	38769	Spring	1
15	66771	Clutch Dog	1	36	475	Ball	1
16	71890	Cam Driver	1	37	99229-05	Roller Pin	1
17	66773	Clutch Body	1	38	48863-01	Pipe Plug	1
18	71301	Gasket	1	39	99317-04	Screw & Washer	2
19	71275-01	Housing (with valve sleeve and washer)	1	41	71289	Baffle	1
20	49897	Ball Bearing	2	42	71292	Reverse Valve	1
21	59989	O-Ring	1	43	72824	Detent Pin	1
22	71293	Belleville Spring	1	44	72825	Spring	1
23	71871	Front End Plate (Incl. Item #24)	1	45	72823	Detent Screw	1
	49875	Seal	1	46	71282	Valve Stem	1
	85981	Pin	1	47	74686	Valve Cap	1
				48	71284	Valve	1
				49	71285	Conical Spring	1
				50	54436	Filter Screen	1
				51	700245	O-Ring	1
				52	71287	Inlet Bushing	1
				53	49336	Felt Oiler	1
				54	697207	Filler Plug	1
				55	417	#10 Lockwasher	4

EXTRA EQUIPMENT:

60538	4 oz. Moisture-Gard Oil
60537	4 oz. Mechanism Oil



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1/2" AIR IMPACT WRENCH

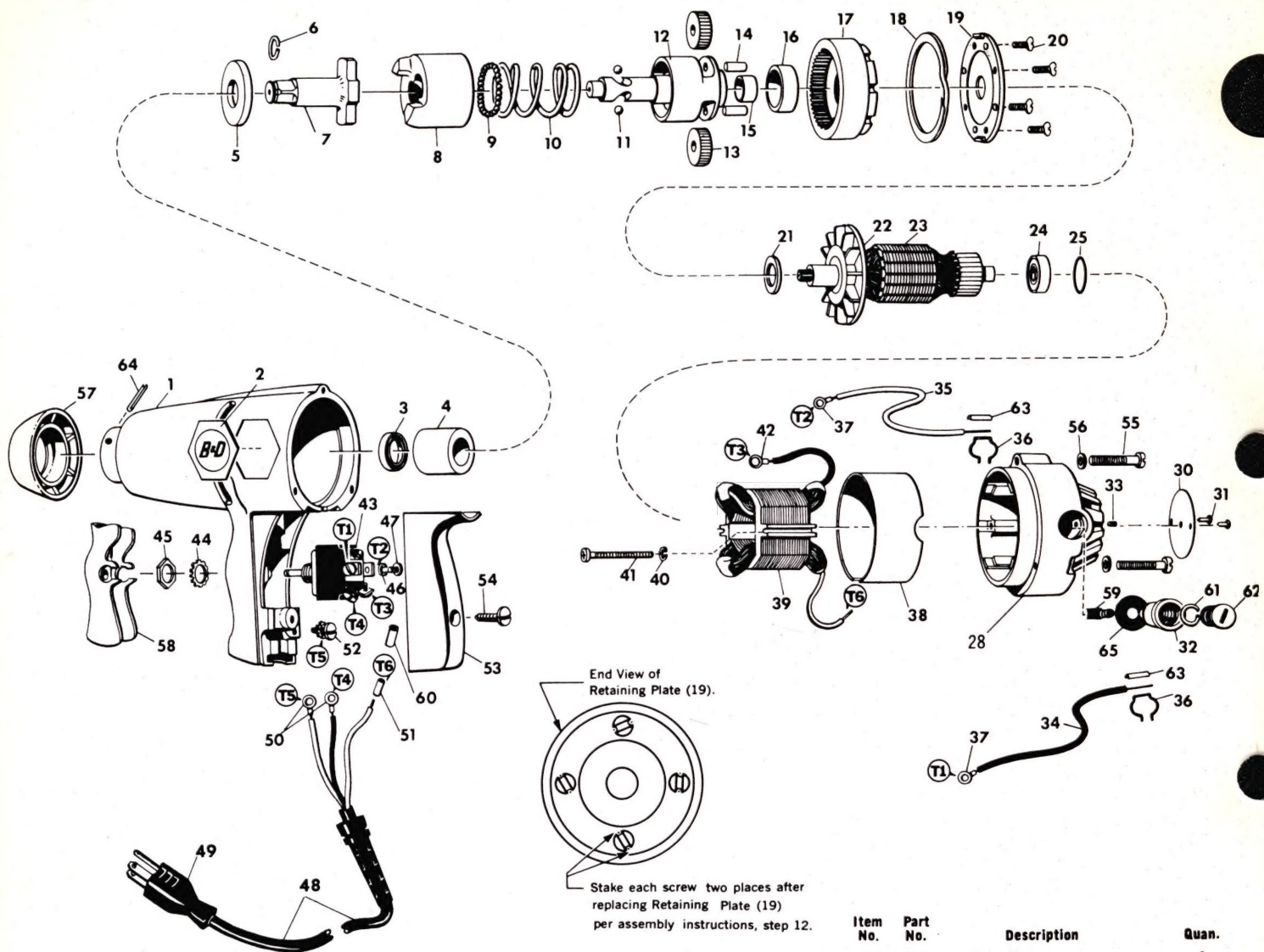
Cat. No.	Type	Shank
6551	1	1/2" Square
6552	1	1/2" Sq. Extended

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 7048-1

#6511 HI-POWER IMPACT WRENCH, TYPE 2 120 Volts A.C./D.C. 7.7 Amps.
#6511-02 HI-POWER IMPACT WRENCH, TYPE 2 100 Volts A.C./D.C. 9.2 Amps.



PARTS IDENTIFICATION

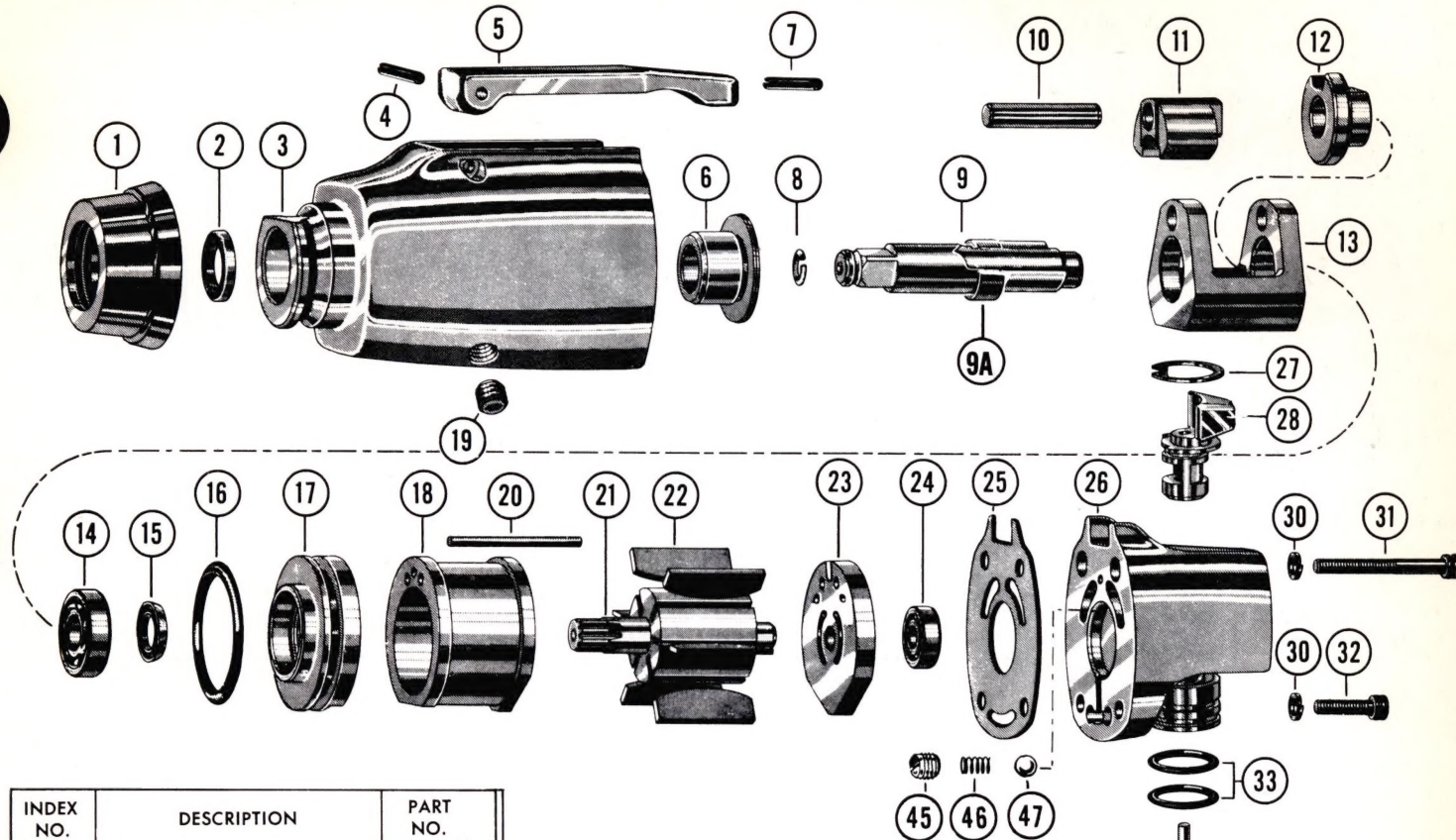
Item No.	Part No.	Description	Quan.
1	74210-02	Housing (includes item #4, #3 and #64).....	1
2	57468	Trademark Sticker	2
3	37847	Seal	1
4	59820	Anvil Bearing	1
5	50793	Thrust Washer	1
6	52398	Spring Ring	1
7	59795	Anvil (includes item #6)	1
8	59804	Impactor	1
9	453	5/32 Steel Ball	26
10	72206	Spring	1
11	59141	1/4 Steel Ball	2
12	61537	Carriage & Cam	1
13	59807	Planet Gear	2
14	59822	Dowel Pin	2
15	60164	Sleeve Bearing	1
16	59819	Sleeve Bearing	1
17	74208	Ring Gear (includes item #16)	1
18	59823	Retaining Ring	1
19	74207	Retaining Plate	1
20	99034-01	10-32x1/2" Screw	4

Item No.	Part No.	Description	Quan.
21	61531	Washer	1
22	69111	Fan	1
23	72377-31	Armature and Fan (120 volts)	1
	72377-55	Armature and Fan (100 volts)	1
24	20774-01	Ball Bearing	1
25	700245	"O" Ring	1
28	72376	End Cap Assembly (includes items 32, 33)	1
30	72319	Name Plate	1
31	3041	#2 x 3/16 Drive Screw	2
32	72913	Brush Holder	2
33	24857	8-32x3/16 Set Screw	2
34	72372	Brush Lead (includes items 36, 37 and 63) Black	1
35	72373	Brush Lead (includes items 36, 37 and 63) Red	1
36	72912	Brush Lead Terminal	2
37	26192	Lead Terminal	2
38	61519	Insulating Fiber	1
39	72713-71	Field (120 volts)	1
	72713-95	Field (100v) Cat. #6511-02	1
40	418	#8 Lock Washer	2
41	13205	8-32x1-3/4" FHM Screw	2
42	26192	Lead Terminal	1
43	63468	Switch (incls. 44, 45, 47)	1
44	61773	Shakeproof Lock Washer	1

Item No.	Part No.	Description	Quan.
45	24699	Face Nut	1
46	1991	#6 Lock Washer	4
47	20406	#6-32x3/16" L'g Bind. H. Screws	4
48	51108-98	Cord and Plug (18-3S) 7' includes item 49	1
49	70807	Attachment Plug	1
50	26192	Lead Terminal (T-4)	1
	1747	(T-5)	1
51	39251	Splicing Connector	1
52	1988	8-32x1/4" Terminal Screw and Washer	1
53	59802	Switch Handle Cover	1
54	59817	10-32x3/4" OH PH Screw	1
55	59818	8-32x1-1/8" FH PH Screw	3
56	82506	#8 Lock Washer	3
57	59812	Bumper	1
58	59810	Trigger	1
59	69862	Brush	2
60	62221	Insulator	1
61	61319	Spring Ring	2
62	7441	Brush Holder Plug	2
63	50230-01	Connector	2
64	82031	Roll Pin	1
65	32730	Insulating Shield	1
NOT SHOWN:			
59799		Connection Diagram	1
Extra Equipment:			
63278		Leather Protector	1
61917-03		Kit Box	1

WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER, AS SHOWN ON NAMEPLATE, PLUS NUMBER AND NAME OF PART NEEDED.

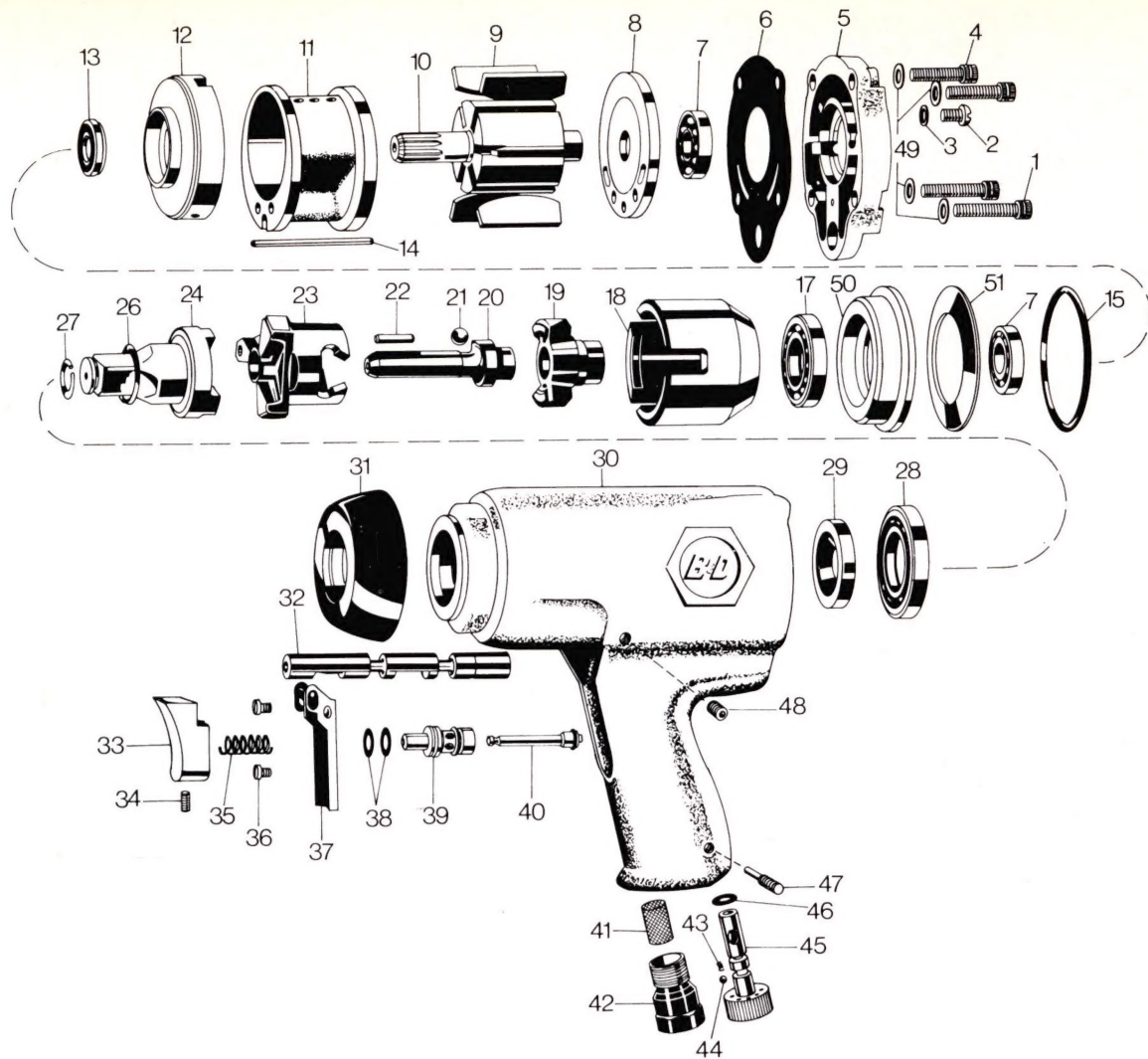
Black & Decker #6534 IMPACT WRENCH, TYPE 1



INDEX NO.	DESCRIPTION	PART NO.
1	Bumper	701306
2	Seal	49875
3	Motor Housing (Includes Item 2)	66363
4	Pin	82031
5	Throttle Lever (Includes Item 7)	64584
6	Front Bushing	701278
7	Pin	99206-07
8	Ring	65693
9	Clutch Shank (Includes Item 8)	65561
9A	Washer	66453
10	Clutch Pin	66463
11	Clutch Dog	65559
12	Dog Cam	701275
13	Clutch Body	65692
14	Bearing	34788
15	Seal	701291
16	"O" Ring	701297
17	Front End Plate	701267
18	Liner	701270
19	Plug	67107
20	Dowel Pin	701292
21	Rotor	701269
22	Rotor Blade (6)	701271
23	Rear End Plate	65694
24	Bearing	701305
25	Gasket	701289
26	Valve Housing (Includes Bushings and Roll Pin)	701286
27	Retainer Ring	701298
28	Reverse Valve	64586

INDEX NO.	DESCRIPTION	PART NO.
30	Lock Washer (4)	700403
31	8:32 x 1 3/4" Soc. Hd. Cap Screw (2)	701296
32	8:32 x 5/8" Soc. Hd. Cap Screw (2)	56292
33	"O" Ring (2)	700245
34	Throttle Valve Complete	701299
35	Regulator Bushing	701282
36	Dowel Pin	701295
37	"O" Ring	61145
38	Spring	701290
39	"O" Ring	50050
40	Regulator	64585
41	Swivel Connector	701280
42	Retainer Ring	701304
43	Drive Screw (2)	3041
44	Nameplate	701307
45	Set Screw	24857
46	Spring	59701
47	Ball	99047-01
EXTRA EQUIPMENT		
48	Plug	696814
49	Spring	59701
50	Pin	696942
51	Detent Shank (Includes 48, 49, 50)	68776

WHEN ORDERING PARTS, YOU **MUST** SPECIFY THE QUANTITY, PART NAME AND NUMBER, COMPLETE CATALOG NUMBER, TYPE NUMBER, AND SERIAL NUMBER OF YOUR TOOL.



Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Part No.	Description	Qty.
1	700899	1/4-20 x 1 1/4 Soc. Hd. Cap Scr.	2	29	88762	Seal	1	PARTS NOT SHOWN:		
2	700739	R. Hd. Screw 1/4-28 x 3/8	1	30	700860	Housing	1			
3	59703	Washer	1	31	700870	Bumper	1	71907	Name Plate	1
4	701006	1/4-20 x 1 Soc. Hd. Cap Scr.	2	32	700881	Reversing Valve	1	3041	Name Plate Screws	4
5	700861	Rear Cover	1	33	700863	Trigger	1	EXTRA EQUIPMENT:		
6	700868	Gasket	1	34	50053	Screw (Set) 8-32 x 3/8 Cup Point	1	60538	Moisture Gard Oil (4 oz.)	1
7	700720	Ball Bearing	2	35	700588	Spring Trigger	1	60537	Mechanism Oil (4 oz.)	1
8	87046	Rear End Plate	1	36	59179	Screw 8-32 x 1/4 Bind H.D. Screw	2			
9	700889-01	Rotor Blade	6	37	63303	Detent	1			
10	87251	Rotor	1	38	50048	O-Ring	2			
11	700876	Liner	1	39	700864	Valve Bushing	1			
12	87047	Front End Plate	1	40	700865	Valve	1			
13	700721	Seal	1	41	700869	Screen	1			
14	700890	Pin	1	42	700879	Inlet Bushing	1			
15	700871	O-Ring	1	43	59701	Spring	1			
17	51138	Ball Bearing	1	44	99047-01	Ball	1			
18	700882	Mass	1	45	87256	Regulator	1			
19	700722	Cam Driver	1	46	50056	O-Ring	1			
20	87280	Front Cam	1	47	87338	Dowel Screw	1			
21	4443	Ball	1	48	59699	Plug	1			
22	88080	Pin	1	49	700455	Flat Washers	4			
23	87525	Hammer	1	50	87253	Bearing Support	1			
24	700883	Clutch Shank (Incls. 26, 27)	1	51	86994	Belleville Spring	1			
26	700873	Socket Stop	1							
27	700884	Ret. Spring Ring	1							
28	700737	Ball Bearing	1							



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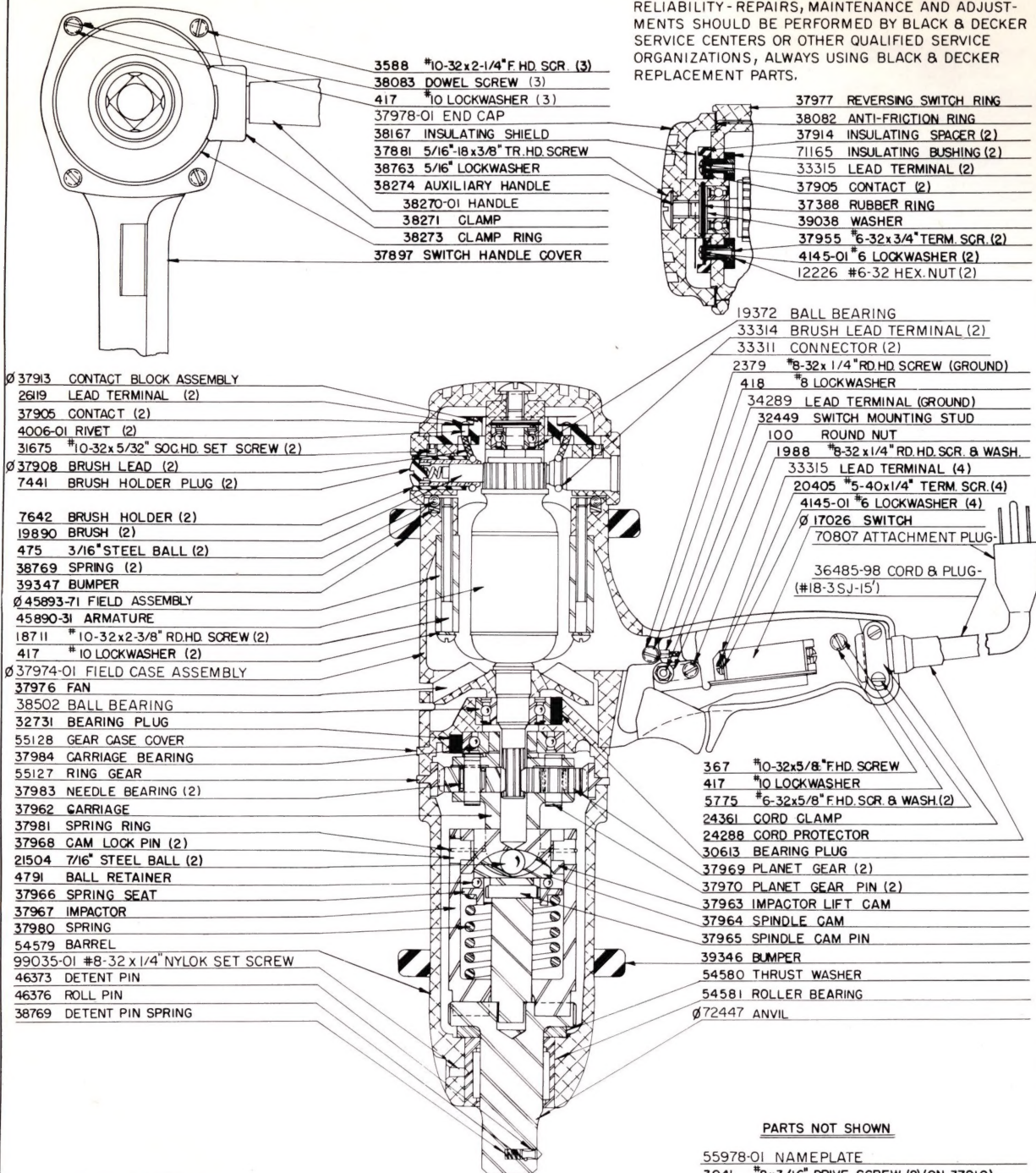
3/4" AIR IMPACT WRENCH
Cat. No. 6564 Type 2 3/4" Drive Sq.

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 8078

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY-REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.



EXTRA EQUIPMENT

38276 1LB. CAN OF GREASE

50488 RIGHT ANGLE HEAD ATTACHMENT

46373-01 DETENT PIN

NOTES

17026 (SW.) INCLUDES 20405 (4).

37908 (BR. LD.) INCLUDES 3353 & 26119.

37913 (CON. BLK.) INCLUDES 4006-01 (2), 37905 (2) & 37908 (2).

37974-01 (F.C.) INCL. 367, 417 & 37897.

45893-71 (FIELD) INCL. 33315 (4).

72447 (ANVIL) INCL. 38769, 46373 & 46376.

LUBRICATION- 1-1/2 OZ. IMPACT WRENCH GREASE

PARTS NOT SHOWN

55978-01 NAMEPLATE

3041 #2x3/16" DRIVE SCREW (2) (ON 37910)

38030 CONNECTION DIAGRAM

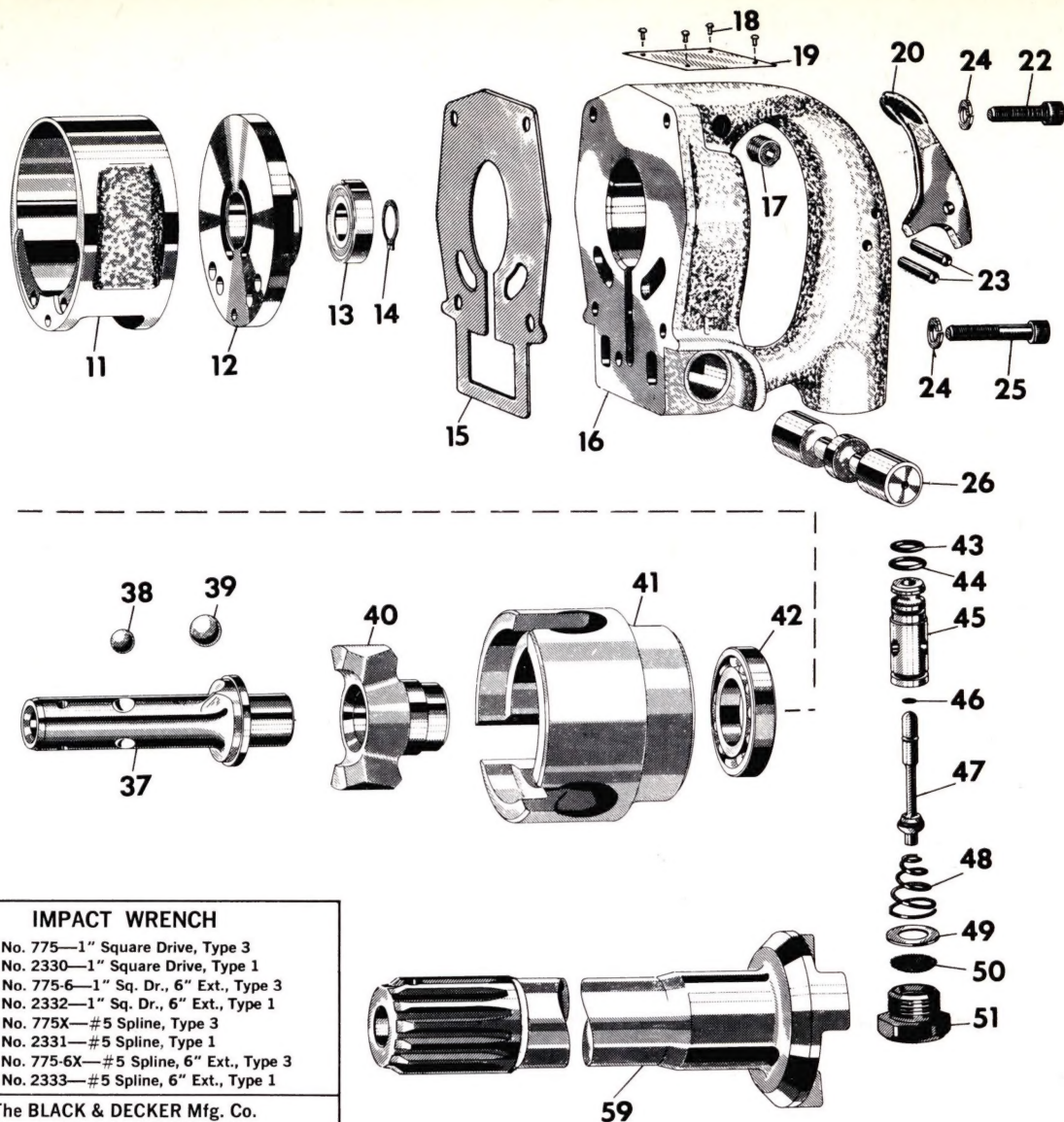
CAT. NO. **6518** TYPE **1**

3/4" H.D. IMPACT WRENCH

120 VOLT AC/DC • 6.5 AMP.

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND

MADE IN U.S.A. D.M.E. F BULLETIN #2905



IMPACT WRENCH

Cat. No. 775—1" Square Drive, Type 3
 Cat. No. 2330—1" Square Drive, Type 1
 Cat. No. 775-6—1" Sq. Dr., 6" Ext., Type 3
 Cat. No. 2332—1" Sq. Dr., 6" Ext., Type 1
 Cat. No. 775X—#5 Spline, Type 3
 Cat. No. 2331—#5 Spline, Type 1
 Cat. No. 775-6X—#5 Spline, 6" Ext., Type 3
 Cat. No. 2333—#5 Spline, 6" Ext., Type 1

The BLACK & DECKER Mfg. Co.
 Towson, Maryland 21204, U.S.A.

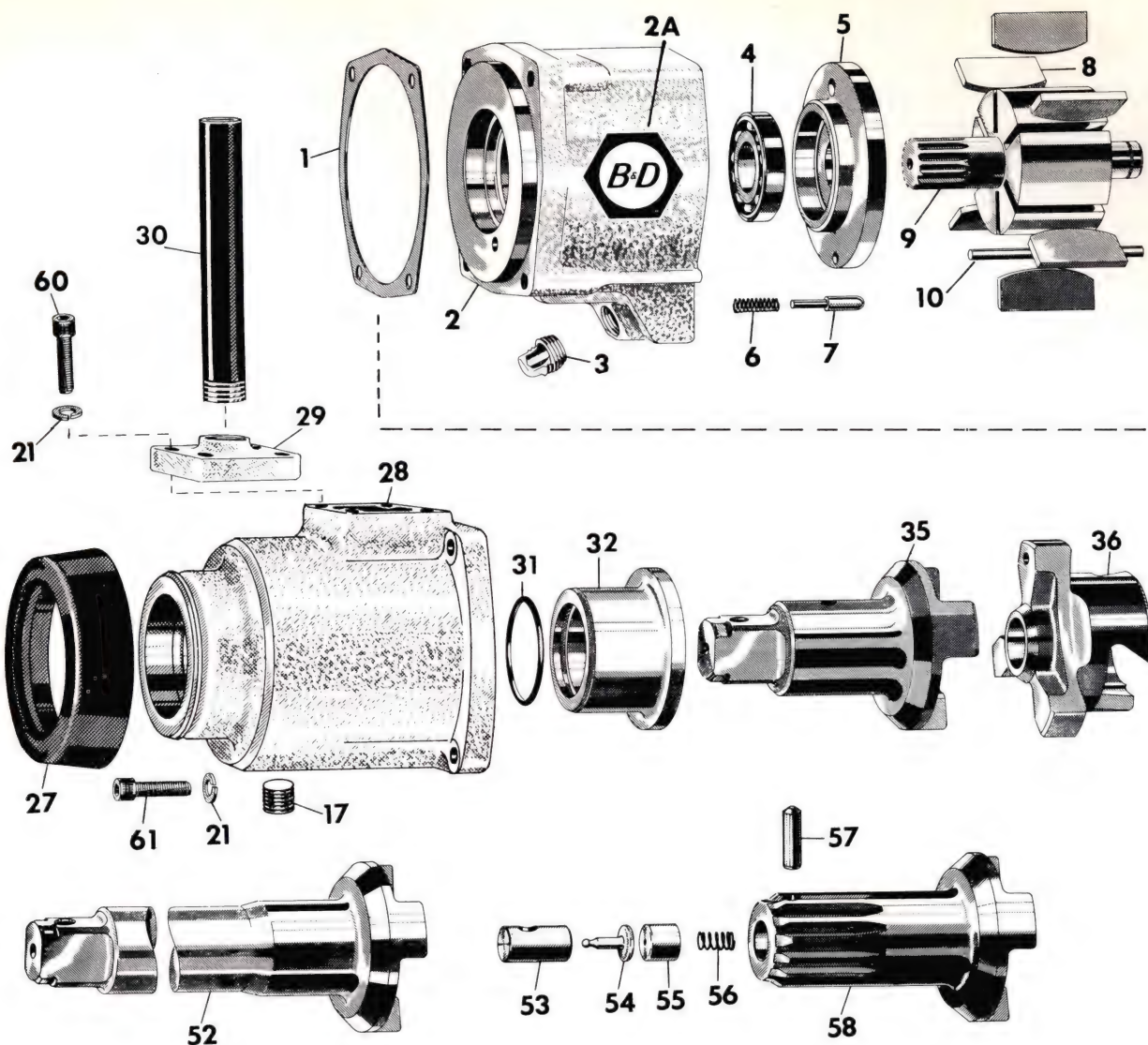
Printed in U.S.A.

BULLETIN NO. 2644

PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
35	65466	1" Square, Std. Clutch Shank (Cat. Nos. 775, 2330)	1	51	54364	Inlet Bushing	1
36	700150	Hammer	1	52	70422	1" Sq., 6" Ext. Clutch Shank (Cat. Nos. 775-6, 2332)	1
37	700149	Cam	1	53	700159	Latch Release Pin	1
38	51151	Ball	3	54	700163	Latch Actuator	1
39	700153	Ball	1	55	700164	Spring Cap	1
40	700151	Cam Driver	1	56	700301	Spring	1
41	700152	Hammer Mass	1	57	700161	Latch	1
42	700130	Ball Bearing	1	58	700157	#5 Std. Spline Shank (Cat. Nos. 775X, 2331)	1
43	50048	"O" Ring	1	59	62921	#5 Spline, 6" Extended Shank (Cat. Nos. 775-6X, 2333)	1
44	50049	"O" Ring	1	60	82190	¼-20 x 1" Soc. Hd. Screws	4
45	700140	Bushing	1	61	82171	¼-20 x 1¼" Soc. Hd. Screws	4
46	51140	"O" Ring	1	EXTRA EQUIPMENT			
47	700168	Throttle Valve & "O" Ring	1	60538	4 oz. Oil		
48	700142	Spring	1	61649	Hose Whip		
49	700257	Washer	1	700307	Spade Handle		
50	54363	Screen	1				

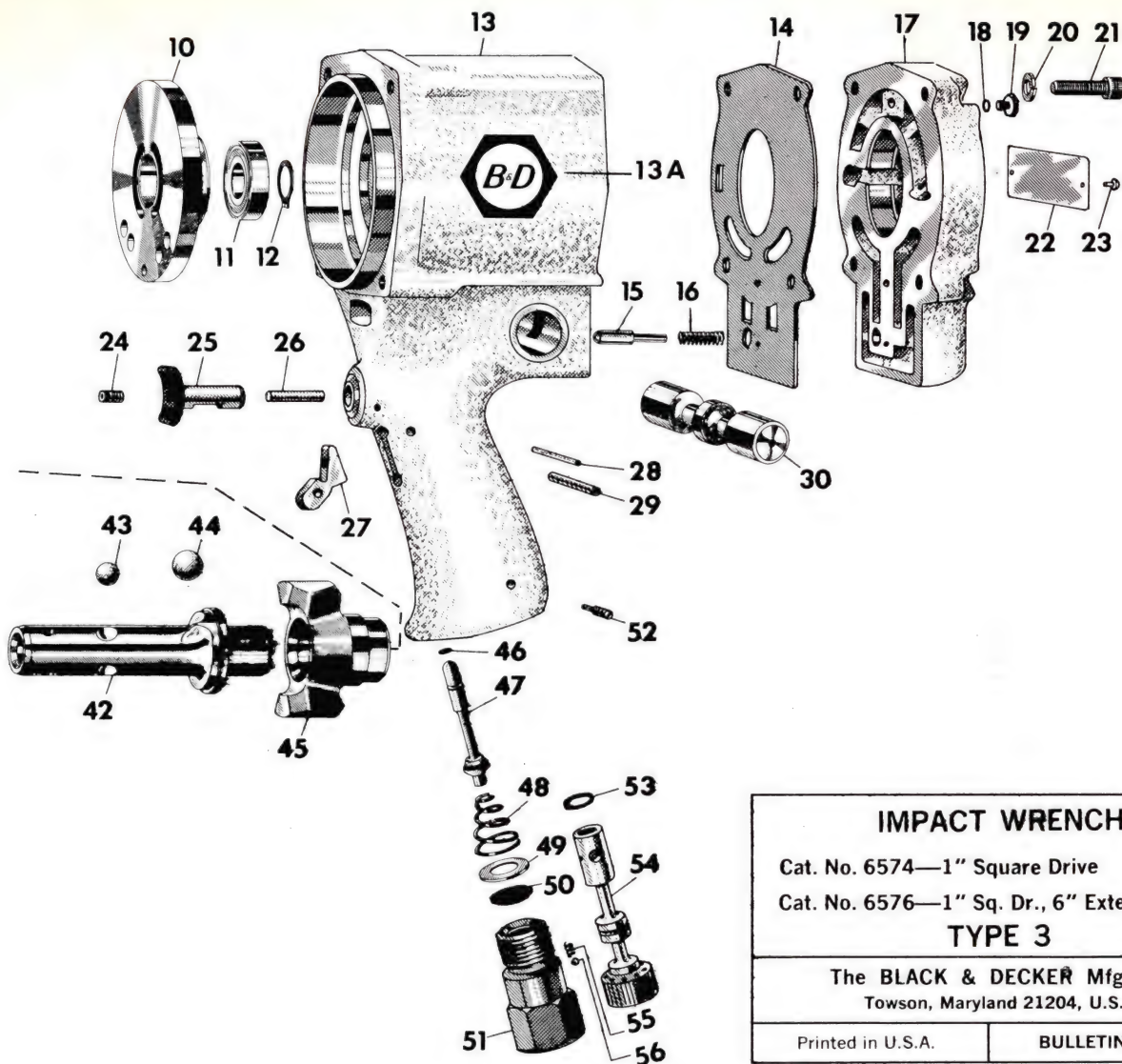
WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	700129	Gasket	1	17	51728	Oil Plug	3
2	67240	Motor Housing	1	18	55113	Drive Screws	4
2A	58122	Sticker	1	19	700452	Nameplate	1
3	700135	Exhaust Deflector	1	20	700143	Trigger	1
4	51138	Ball Bearing	1	21	416	Lockwashers	8
5	700127	Front End Plate	1	22	99165-20	5/16-24 x 1 1/4 Soc. Head Screws	2
6	700139	Spring	1	23	56174	Pin	2
7	700138	Detent Pin	1	24	60187	lockwasher	4
8	700160	Rotor Blade	6	25	99165-24	5/16-24 x 1 1/2 Soc. Head Screws	2
9	700158	Rotor	1	26	700137	Reverse Valve	1
10	700133	Pin	1	27	700311	Bumper	1
11	700132	Cylinder Liner	1	28	65788	Clutch Housing	1
12	65960	Rear End Plate	1	29	70459	Handle Base	1
13	34789	Ball Bearing	1	30	583	Side Handle	1
14	39654	Snap Ring	1	31	700154	"O" Ring	1
15	65795	Gasket	1	32	700126	Bushing	1
16	65790	Handle and Bushing	1				

WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED



IMPACT WRENCH

Cat. No. 6574—1" Square Drive

Cat. No. 6576—1" Sq. Dr., 6" Extended

TYPE 3

The BLACK & DECKER Mfg. Co.
Towson, Maryland 21204, U.S.A.

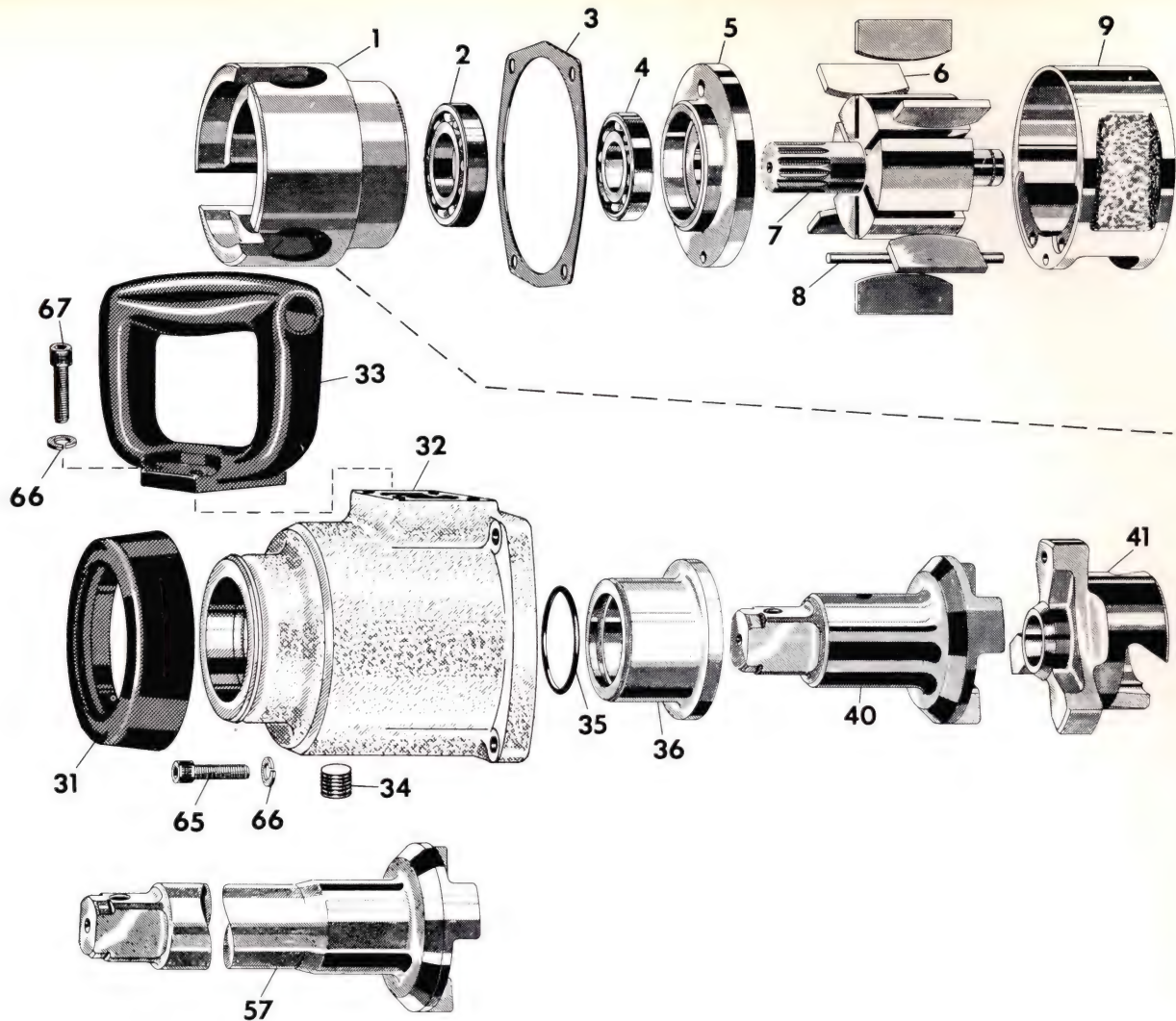
Printed in U.S.A.

BULLETIN NO. 8001

PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
40	65466	1" Std. Square Clutch Shank	1	55	59701	Spring	1
41	700150	Hammer	1	56	99047-01	Ball	1
42	700149	Cam	1	57	70422	1" Sq., 6" Extended Clutch Shank (Cat. No. 774-6)	1
43	51151	Ball	3	65	82171	¼-20 x 1¼ S.H. Cap Screw	4
44	700153	Ball	1	66	416	Lockwasher	8
45	700151	Cam Driver	1	67	82190	¼-20 x 1 S.H. Cap Screw	4
46	51140	"O" Ring	1	EXTRA EQUIPMENT:			
47	700168	Valve	1	61649		Hose Whip	
48	700309	Spring	1	61754		4 oz. Oil	
49	700312	Washer	1	583		Side Handle	
50	54436	Screen	1	70459		Handle Base (for Side Handle No. 583)	
51	700314	Inlet Bushing	1				
52	63706	Dowel Screw	1				
53	50056	"O" Ring	1				
54	65777	Air Regulator	1				

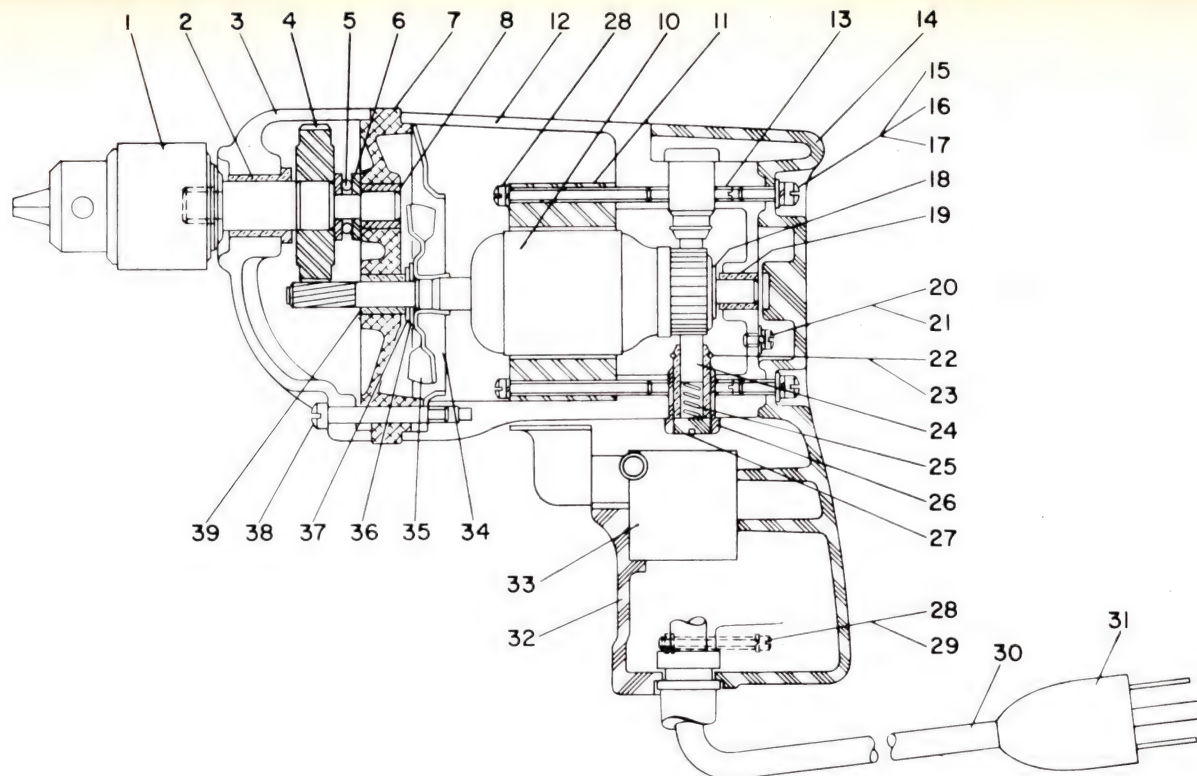
WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	700152	Hammer Mass	1	19	700264	Oil Plug	1
2	700130	Ball Bearing	1	20	60187	Lockwasher	4
3	700129	Gasket (Clutch Housing)	1	21	99165-20	5/16-24 x 1 1/4 S.H. Cap Screw	4
4	51138	Ball Bearing	1	22	700342	Nameplate	1
5	700127	Front End Plate	1	23	55113	Screw	2
6	700160	Rotor Blade	6	24	51143	Screw	1
7	700158	Rotor	1	25	700308	Throttle Button	1
8	700133	Dowel Pin	1	26	62816	Pin	1
9	700132	Cylinder Liner	1	27	700280	Lever	1
10	65960	Rear End Plate	1	28	51142	Pin	1
11	34789	Ball Bearing	1	29	51146	Pin	1
12	39654	Retaining Ring	1	30	700137	Reverse Valve	1
13	65773-01	Motor Housing & Bushings	1	31	700311	Bumper	1
13A	58122	Hexagon Sticker	2	32	700306	Clutch Housing	1
14	65784	Gasket (Motor Housing)	1	33	700307	Handle	1
15	700138	Detent Pin	1	34	51728	Plug	1
16	700139	Spring	1	35	700154	"O" Ring	1
17	65775-01	Rear End Cover	1	36	700126	Bushing	1
18	50047	"O" Ring	1				

WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.



INDEX NO.	PART NO.	DESCRIPTION
1	55313	1/4" Chuck & Key (Jacob's #MC1G61A)
	45355	Chuck Key (Jacob's #KG)
2	27764	Sleeve Bearing
3	38484-03	Gear Case (Incl.No.2)
4	69491	Spindle & Gear (3/8"-24 Thrd.)
5	10511	Ball Thrust Retainer
6	22308	Ball Thrust Washer (2)
7	51033	Gear Case Cover (Incl.Nos. 8,39)
8	27763	Sleeve Bearing
10	60546-31	Armature & Fan (Incl.No.35)
11	61762-71	Field
12	56502	Field Case (Incl.No.19 & 57206-01)
13	24857	#8-32 x 3/16"Set Screw (2)
14	55211	Switch Handle
15	1789	#8-32 x 1/2"Fill.Hd.Scr. (2)
16	36700	Lock Washer (2)
17	51107	Flat Washer (2)
18	37414	Fiber Washer
19	27761	Sleeve Bearing
20	49644	#6-32 x 1/4"Term.Screw & W.
21	26192	Lead Terminal
22	50182	Brush Lead Terminal (2)
23	50230-01	Connector (2)
24	49940	Brush (2)
25	50130	Brush Spring (2)
26	50233	Brush Holder (2)
27	49944	Brush Holder Plug (2)
28	14831	#6-32 x 1-1/2"Fill.Hd.Scr.& W. (4)
29	12226	#6-32 Hex Nut (2)
30	51108-98	Cord & Plug (#18-3 SJT-6')
31	70807	Attachment Plug
32	69533	Switch Cover
33	55218-01	Switch

INDEX NO.	PART NO.	DESCRIPTION
34	27767	Fan Baffle Plate
35	71372	Fan
36	37413	Spring Washer
37	37381	Fiber Washer
38	378	#8-32 x 1-1/4" Fill.Hd.Screw
39	68471	Sleeve Bearing

PARTS NOT SHOWN

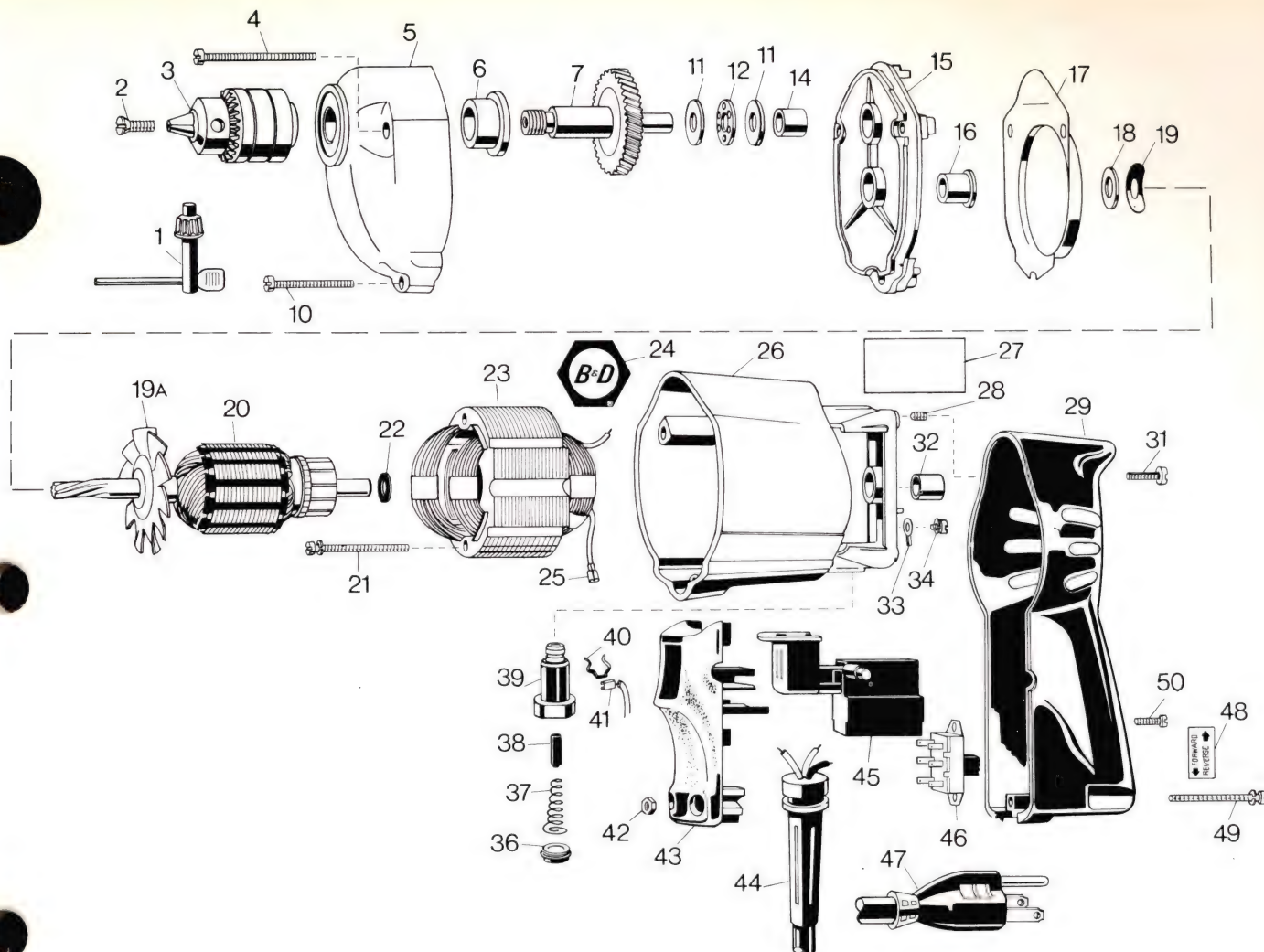
13205	#8-32 x 1-3/4"Fill.Hd.Scr.(2)(G.C)
57206-01	Nameplate
70812	Logo Sticker
51097	Connection Diagram
Lubrication - 9/10 oz.H.D.Grease, ML54-1	

EXTRA EQUIPMENT

U/C-2194	6 oz. Grease
60541	1 lb. Grease
U-2252	Kit Box

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE NAMEPLATE INFORMATION AND PART NUMBERS.

CAT.NO.6001		TYPE AA	
1/4" DRILL			
VOLTS 115 AC AMPS 2.0 RPM 2250			
ADAPTED TO 39020 BENCH DRILL STAND			
THE BLACK & DECKER MFG.CO.,TOWSON, MD.			
MADE IN U.S.A.	W.M.K.	E	BULLETIN NO.2705-1



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.
1	45355	Chuck Key (Jacobs #KG)	1
2	65630	#10-32 Special Left-hand Screw	1
3	64576	Chuck (Incl. Item 1)	1
	74687	Chuck (Incl. Item 1)	1
4	13205	#8-32 x 1 1/4 Fill. Hd. Mach. Screw and Washer	2
5	38484-03	Gear Case (Incl. Item 6)	1
6	27764	Flanged Sleeve Bearing	1
7	69491-01	Spindle and Gear	1
10	378	8-32 x 1 1/4 Fill. H.M. Screw	1
11	22308	Washer, Ball Thrust	2
12	10511	Retainer, Ball Thrust	1
14	27763	Sleeve Bearing	1
15	51033	Gear Case Cover (Incl. Items 14, 16)	1
16	27762-02	Flanged Sleeve Bearing	1
17	27767	Plate, Fan Baffle	1
18	37381	Washer, Fiber	1
19	37413	Washer, Spring	1
19A	71372	Fan	1
20	87379-31	Armature & Fan (Incl. Item 19A)	1
21	14831-01	#6-32 x 1 1/2 Fill. Hd. Mach. Screw & Washer	2
22	37414	Washer, Fiber	1
23	87376-71	Field 120V (Incl. Item 25)	1
24	57468	Hex Sticker	1

Index No.	Part No.	Description	Qty.
25	51350	Lead Terminal	1
26	66125	Field Case & Nameplate (Incl. Item 27 & 32)	1
27	57206-01	Nameplate	1
28	24857	#8-32 x 3/16 Set Screw	2
29	64720	Handle, Switch	1
31	85401	#8-32 x 7/16 Pan Hd. Screw	2
32	27761-02	Sleeve Bearing	1
33	34289	Lead Terminal	1
34	99317-04	#6-32 x 1/4 Screw & Washer	1
36	49944	Brush Holder Plug	2
37	50130	Brush Spring	2
38	87768	Brush	2
39	50233	Brush Holder	2
40	50182	Brush Terminal	2
41	50230-01	Terminal Connector	2
42	12226	#6-32 Hex Nut	2
43	69533	Switch Cover	1
44	51108-98	Cord & Plug (18-3SJT-6')	1
45	67281-02	Variable Speed Switch	1
46	61363	Reverse Switch	1
47	70807	Attachment Plug	1
48	74094	Instruction Label	1
49	14831	#6-32 x 1 1/2 F.H.M. Screw & Washer	2
50	99065-07	Nylon Screw #6-32 x 7/16	2

PARTS NOT SHOWN

57705	Chuck Key Holder
87371	Connection Diagram

Extra Equipment

U/C 2194 Grease

NOTE—Flat face of Item #11 Washers to be positioned against Item #12 Ball Thrust Retainer.

LUBRICATION—9 oz. of ML54-1 HD Grease.



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

1/4" VARIABLE SPEED REVERSING DRILL

Cat. No.	Volts	Type	Amps.	RPM
6003	120	1	2.0	2250

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

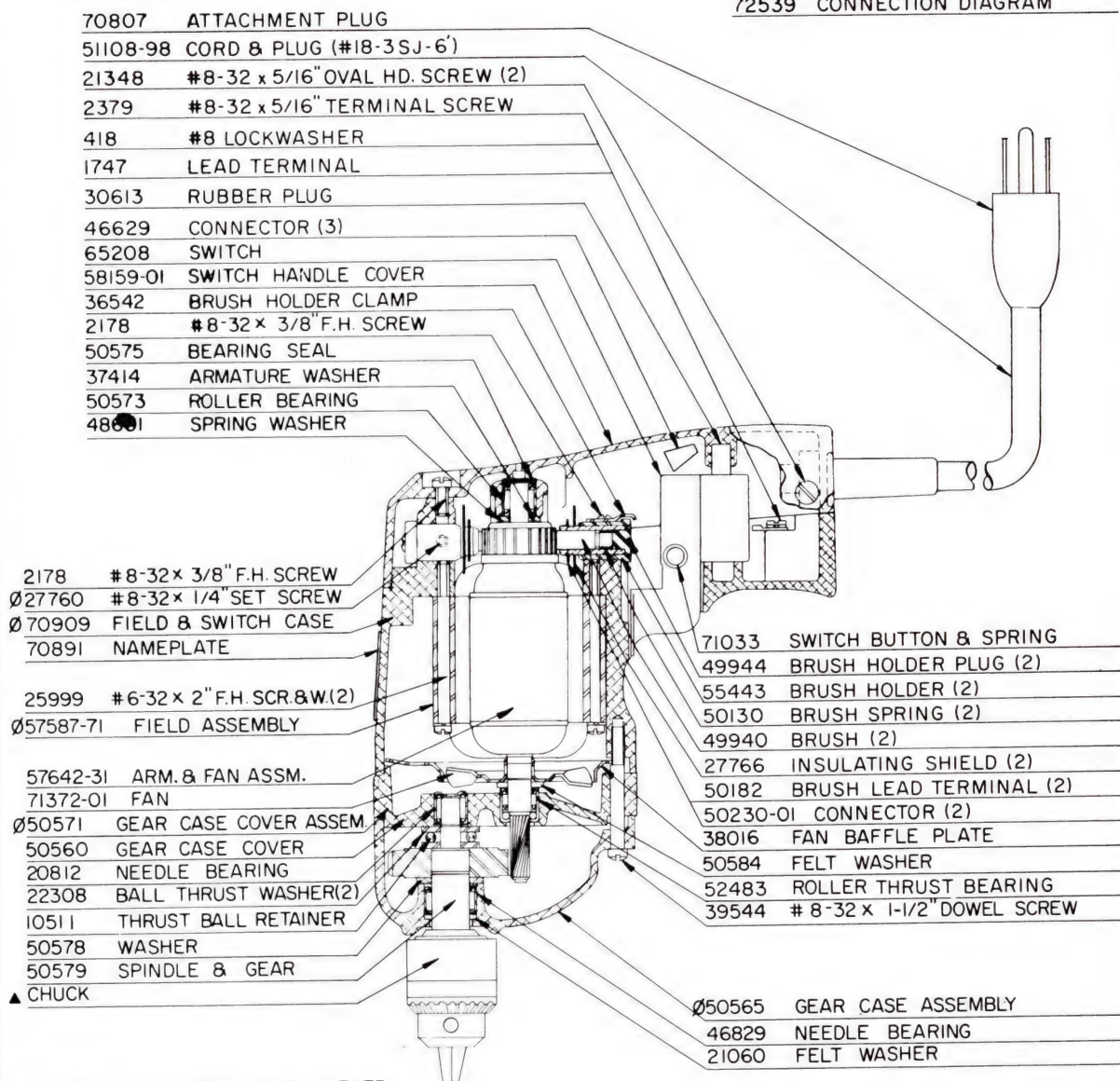
BULLETIN NO. 7098

EXTRA EQUIPMENT

U/C-2194 GEAR GREASE 6 OZ.
60541 GEAR GREASE 1 LB.
60542 GEAR GREASE 5 LB.

PARTS NOT SHOWN

13358 #8-32 x 2" F.H. SCREW(2)(G.C.)
57705 CHUCK KEY HOLDER
70840 TRADEMARK STICKER
72539 CONNECTION DIAGRAM



▲ UNITS MAY BE BUILT WITH EITHER
OF THE FOLLOWING CHUCKS :
45354 CHUCK (JACOB'S # MC IG41)
46788 CHUCK (SUPREME # BIA)
57683 CHUCK (MICRO-AMER # IADT)
45355 CHUCK KEY

Ø NOTES

27760 (SCR.) TIGHTEN TO 4-7 IN. LBS.
57587-71 (FIELD) INCLUDES 50182 (2) & 50230-01 (2).
50565 (G.C.) INCLUDES 21060 & 46829.
50571 (G.C.C.) INCLUDES 20812, 50560 & 52483.
70909 (F. & SW CASE) INCLUDES 50573 & 70891.
LUB.- 1-1/4 OZ. HEAVY-DUTY GREASE ML54-1.

IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

Cat. No. 6004

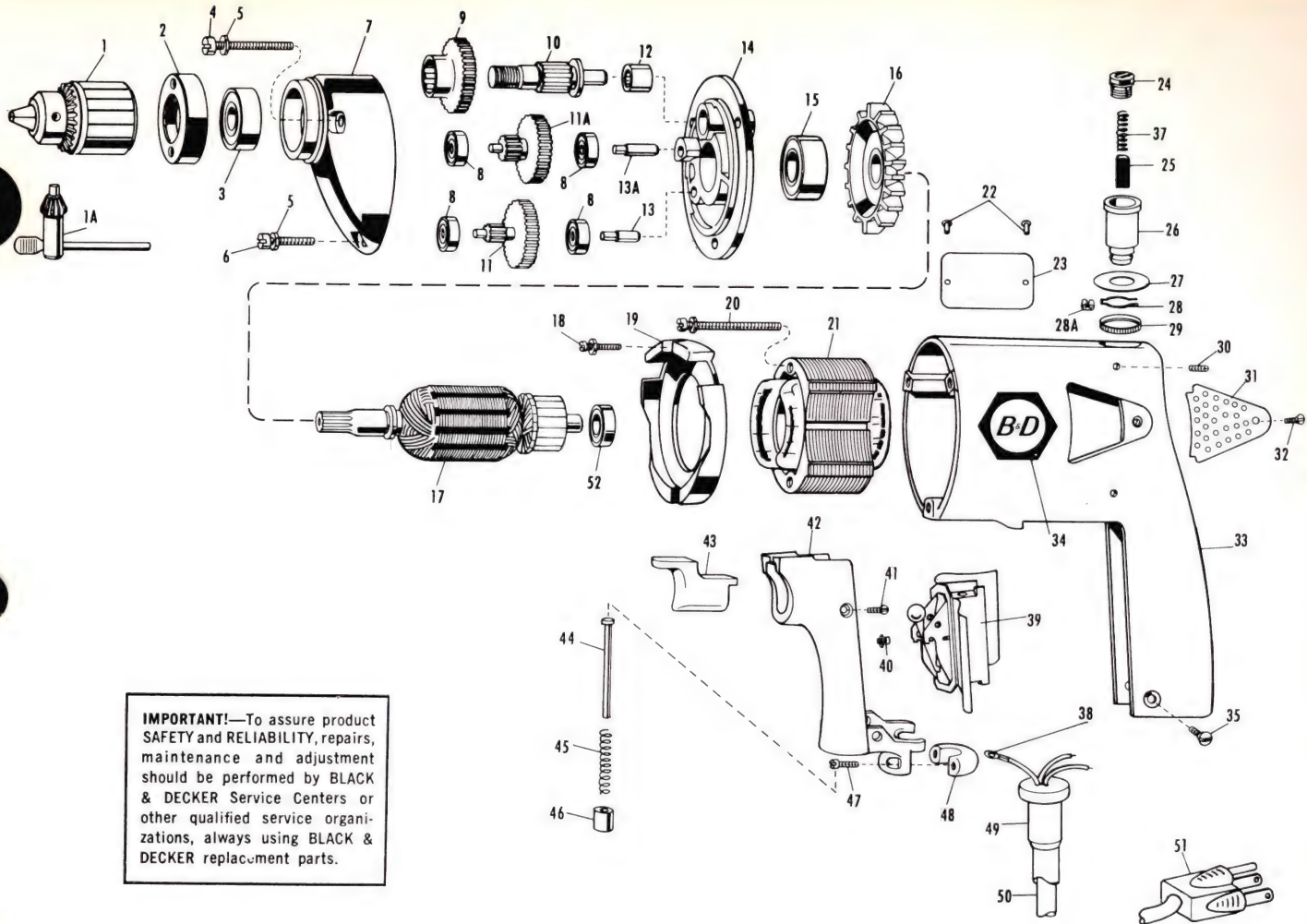
Type A

**1/4" HEAVY DUTY
VARIABLE SPEED DRILL**

VOLTS 120 AC AMPS 2.2 RPM 0-2250

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND

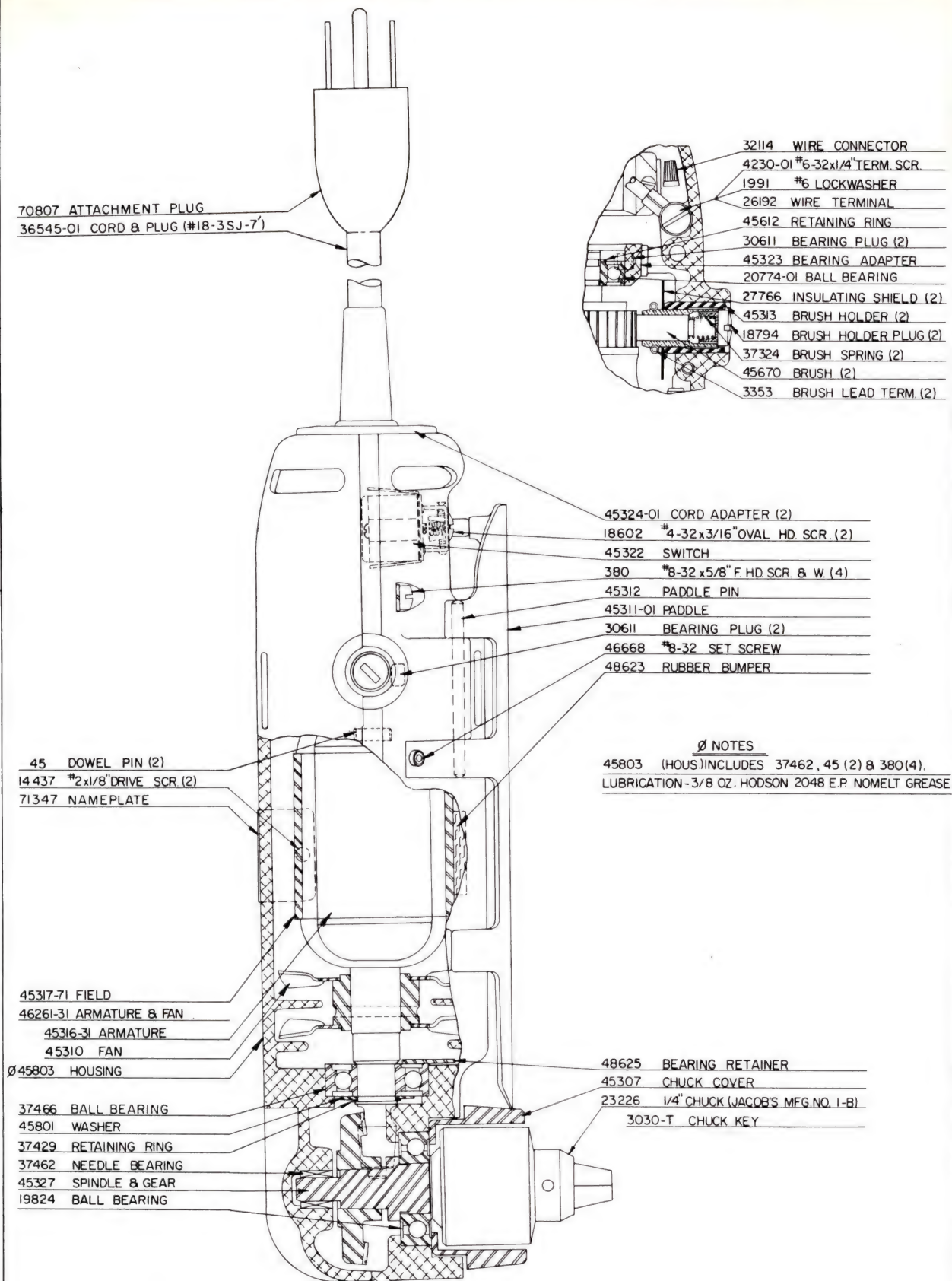
Made in USA T.R.B. D Bulletin No. 2757



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

PARTS IDENTIFICATION

Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.	No. Item	No. Part	Description	Quan.															
1	72379	1/4" Chuck & Key (Supreme)		26	86022	Brush Holder	2	49	24288	Cord Protector	1															
	74514	B-250A)	1	27	85533	Fibre Washer	2	50	36480-98	Cord & Plug, 120V	1															
1A	45355	1/4" Chuck & Key (B&D 4BF)	1	28	52020	Brush Lead Terminals	2	51	70807	Attachment Plug, 120V	1															
2	20702	1/4" Key only	1	28A	33314	Connector	2	52	20774-01	Ball Bearing	1															
3	55689	Bearing Cap	1	29	36024	Brush Cap Protector	1	PARTS NOT SHOWN:																		
4	4787	Ball Bearing	1	30	27760	Brush Cap Protector	1	85534	Connection Diagram																	
5	418	#8-32 x 1 3/8 Fill. Hd. M. Scr.	2	31	34414	#8-32 x 1/4 Set Screw	2	EXTRA EQUIPMENT:																		
6	1997	#8 Lockwasher	3	32	34897	Brush Cover	2	34518	Chuck Key Holder																	
7	20688-01	#8-32 x 7/8 Fill. Hd. M. Scr.	1	33	70440-02	#5-40 x 5/16 O.H.M. Screw	2	24449	Chuck Protector & Bearing Cap																	
8	13074	Gear Case	1	34	70812	Field Case (Incls. 29)	1	LUBRICATION: 3/4 oz. Standard Gear Grease,																		
9	20694	Ball Bearing	2	35	85361	Hexagon Label	1	B&D Cat. No. 60541, 1 lb. can.																		
10	20690	Spindle Gear	1			#8-32 x 5/16 Phillips		WHEN ORDERING REPLACEMENT PARTS YOU																		
11	20729	O.H.M. Screw	2	37	50130	O.H.M. Screw	2	MUST GIVE UNIT, TYPE AND CATALOG NUMBER																		
12	20812	Brush Spring	2	38	33315	Brush Spring	2	AS SHOWN ON NAMEPLATE, PLUS PART																		
13	20701	Lead Terminal	1	39	85537	Lead Terminal	1	NUMBER AND NAME OF PART NEEDED.																		
14	20710	Switch	1	40	99317-03	Switch	1	<table><tr><th colspan="5">1/4" HEAVY-DUTY HOLGUN® DRILL</th></tr><tr><th>Cat. No.</th><th>Type</th><th>Volts</th><th>Amps.</th><th>R.P.M.</th></tr><tr><td>6010</td><td>3</td><td>120</td><td>3.0</td><td>1700</td></tr></table>				1/4" HEAVY-DUTY HOLGUN® DRILL					Cat. No.	Type	Volts	Amps.	R.P.M.	6010	3	120	3.0	1700
1/4" HEAVY-DUTY HOLGUN® DRILL																										
Cat. No.	Type	Volts	Amps.	R.P.M.																						
6010	3	120	3.0	1700																						
15	19738	#6-32 x 3/16 P.H. Screw	1	41	34417-01	#6-32 x 3/16 P.H. Screw	1																			
16	34411	& Washer	1	42	70413-01	#4-24 x 3/8 Fill. Hd. Self-tap Screw	2																			
17	60038-31	Switch Support (Incls. 44, 45, 46)	1	43	34413	Trigger	1																			
18	5775	Trigger	1	44	70391	Plunger	1																			
19	34412	Plunger	1	45	23259	Spring	1																			
20	14831	Spring	1	46	34418	Plunger Button	1																			
21	85536-71	Plunger Button	1	47	71491	#6-32 x 1/2 Fill. Hd. M. Screw	2																			
22	14437	#6-32 x 1 1/2 Fill. Hd. M. Screw & Washer	2	48	24361	Cord Clamp	1																			
23	63864-01	Baffle	1																							
24	63941	#6-32 x 1 1/2 Fill. Hd. M. Screw	2																							
25	85531-01	Brush, 120V to 150V	2																							



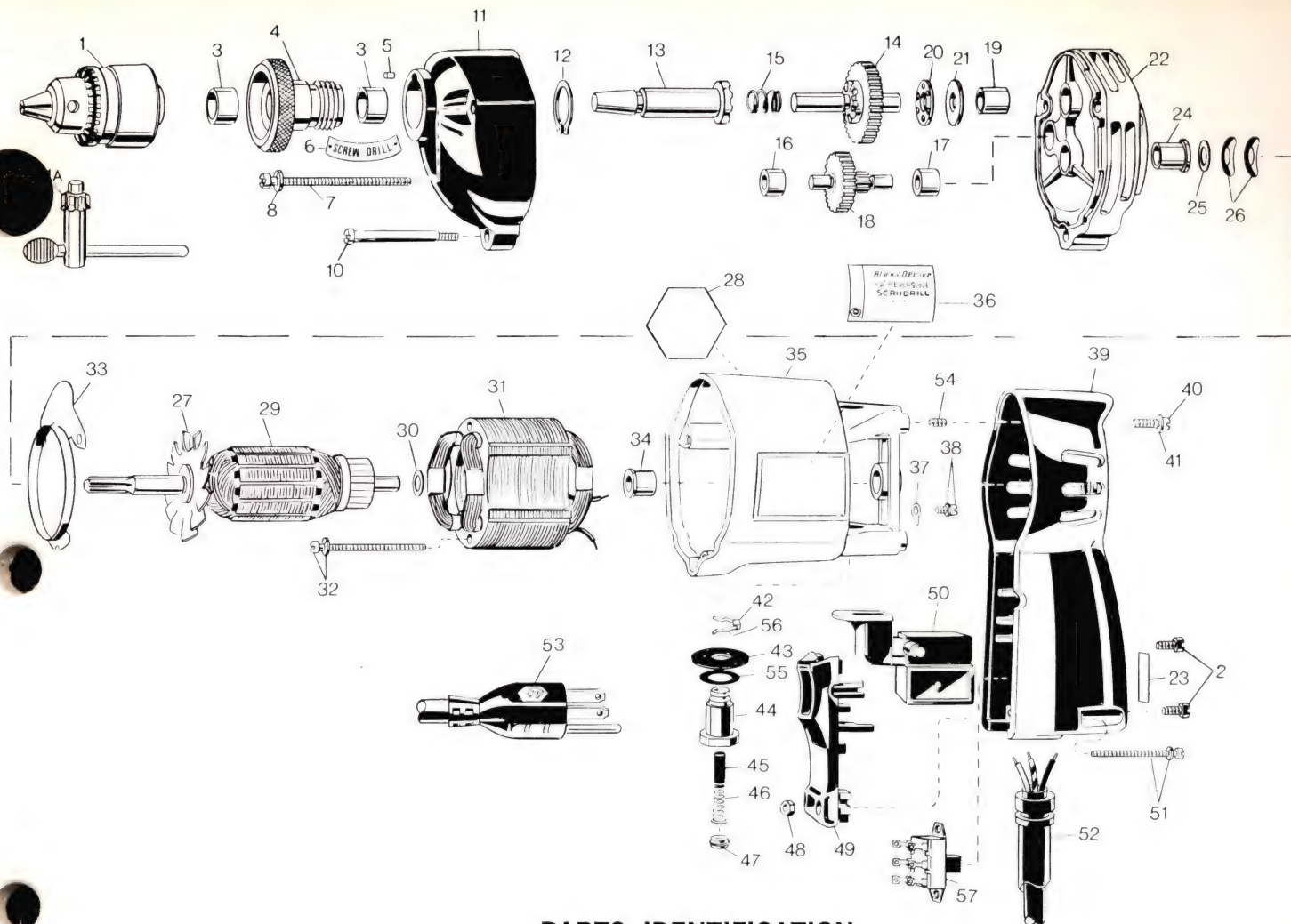
PARTS NOT SHOWN

20404 #5-40x5/32" TERM. SCR. (2) (ON SWITCH)
1991 #6 LOCKWASHER (2X ON 20404)
26192 LEAD TERM. (2X ON 20404)
45299 CONNECTION DIAGRAM

EXTRA EQUIPMENT

49794 GREASE (1 PT.)

CAT. NO. 6015	TYPE A
1/4" HEAVY-DUTY SHORTY DRILL	
VOLTS 120 AC-DC • AMPS 2.0 • RPM 2000	
THE BLACK & DECKER MFG. CO., TOWSON, MD.	
MADE IN U.S.A. A.E.B. F BULLETIN #2747	



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	46110	Chuck & Key (Jacobs Mc4K01)	1	29	73994-31	Armature & Fan (Incls. #27)	1	PARTS NOT SHOWN 73996 Connection Diagram			
1A	46164	Chuck Key (KK)	1	30	23813	Washer	1				
2	99065-07	6-32 x 3/8 Nylon Screw	2	31	73992-71	Field	1	NOTES: Ø 54 Degrease the threads on set screws and field case. Add 2-3 drops of Loctite CV to threads in set screw holes.			
3	45119	Sleeve Bearing	2	32	99437-30	6-32 x 1 7/8 Fill H.M.S. & Washer	2				
4	73082	Collar (Incls. both #3)	1	33	38016	Fan Baffle	1				
5	45549	Plug	1	34	45615	Sleeve Bearing	1				
6	73997	Sticker	1	35	74255	Field Case (Incls. #36 & 34)	1				
7	65393	8-32 x 2 1/8" Fill H.M. Screw	2	36	59351-01	Nameplate	1				
8	418	#8 Lockwasher	2	37	34289	Terminal	1				
10	39544	Dowel Screw	1	38	49644	Terminal Screw & Washer	1				
11	73137	Gear Case (Incls. #16)	1	39	64720	Switch Handle	1				
12	45012	Retaining Ring	1	40	1789	8-32 x 1/2 Fill H.M. Screw	2				
13	45858	Clutch	1	41	36700	#8 Internal Lockwasher	2				
14	45554	Spindle & Gear	1	42	50230-01	Terminal Connector	2				
15	45550	Clutch Spring	1	43	27766	Fiber Washer	2				
16	73128	Sleeve Bearing	1	44	50233	Brush Holder	2				
17	36509	Sleeve Bearing	1	45	49940	Brush	2				
18	36541	Gear & Pinion	1	46	50130	Brush Spring	2				
19	27763	Sleeve Bearing	1	47	49944	Brush Holder Cap	2				
20	10511	Thrust Ball Ret.	1	48	12226	6-32 Hex Nut	2				
21	22308	Thrust Washer	1	49	69533	Switch Handle Cover	1				
22	45854	Gear Case Cover (Incls. #17, #19, #24)	1	50	55218-01	Switch	1				
23	74094	Instruction Label	1	51	14831	6-32 x 1 1/2 Fill H.M.S. & Washer	2				
24	27762-01	Sleeve Bearing	1	52	51108-98	Cord and Plug	1				
25	38744	Washer	1	53	70807	Attachment Plug	1				
26	37413	Spring Washer	2	Ø 54	24857	8-32 x 3/16 Set Screw	2				
27	71373	Fan	1	55	54067	Fiber Washer	2				
28	57468	Hex Sticker	1	56	50182	Brush Lead Terminal	2				
				57	61363	Slide Switch	1				



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

3/8" REVERSIBLE SCRUDRILL

Cat. No.	Volts	Type	Amps.	RPM
6020	120	1	2.5	1000

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 2868-1



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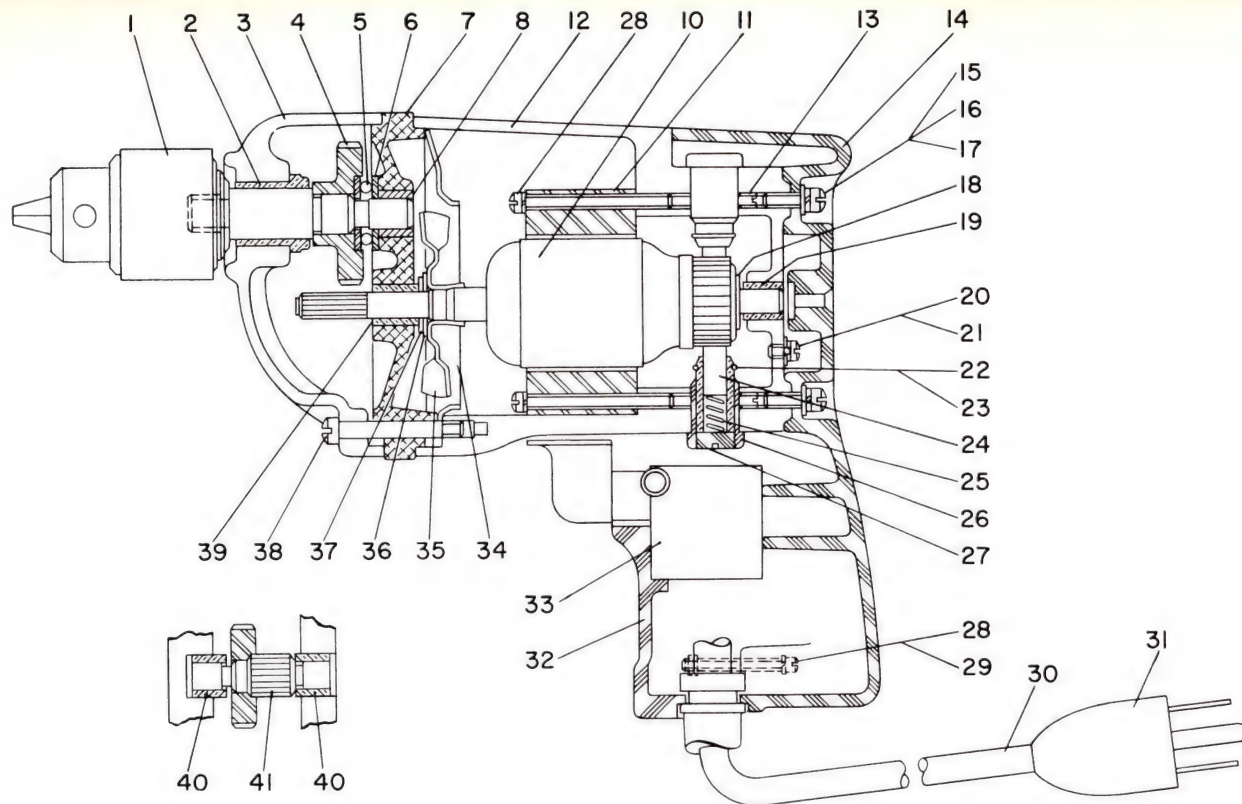
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**3/8" REVERSIBLE
SCRUDRILL**

Cat. No.	Volts	Type	Amps.	RPM
6020	120	1	2.5	1000

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A. **BULLETIN NO. 2868-1**



INDEX NO.	PART NO.	DESCRIPTION
1	66427	Chucks & Keys
	70542	3/8" Chuck & Key (Jacob's #U4G61)
	45355	3/8" Chuck & Key (Supreme #B80A)
		Chuck Key (Jacob's #KG)
2	70550	Sleeve Bearing
3	36516-07	Gear Case (Incl.Nos.2,40)
4	70374	Spindle & Gear (3/8"-24 Thrd.)
5	10511	Ball Thrust Retainer
6	22308	Ball Thrust Washer (2)
7	54853	Gear Case Cover (Incl.Nos.8,39,40)
8	54858	Sleeve Bearing
10	66708-31	Armature & Fan (Incl.No.35)
11	71461-71	Field (Incl.No.22,23)
12	66125	Field Case (Incl.No. 19 & 57206-01)
13	24857	#8-32 x 3/16" Set Screw (2)
14	55211	Switch Handle
15	1789	#8-32 x 1/2" Fill.Hd.Scr. (2)
16	36700	Lock Washer (2)
17	51107	Flat Washer (2)
18	37414	Fiber Washer
19	27761	Sleeve Bearing
20	99317-04	#6-32 x 1/4"Term.Scr.& W.
21	26192	Lead Terminal
22	50182	Brush Lead Terminal (2)
23	50230-01	Connector (2)
24	49940	Brush (2)
25	50130	Brush Spring (2)
26	50233	Brush Holder (2)
27	49944	Brush Holder Plug (2)
28	14831	#6-32 x 1-1/2"Fill.Hd.Scr.& W. (4)
29	12226	#6-32 Hex Nut (2)
30	51108-98	Cord & Plug (#18-3 SJT-6')
31	70807	Attachment Plug

INDEX NO.	PART NO.	DESCRIPTION
32	69533	Switch Cover
33	55218-01	Switch
34	27767	Fan Baffle Plate
35	71373	Fan
36	37413	Spring Washer
37	37381	Fiber Washer
38	37217	#8-32 x 1-1/4"Dowel Screw
39	68471-01	Sleeve Bearing
40	36509	Sleeve Bearing (2)
41	72479	Inter. Gear & Pinion

PARTS NOT SHOWN

13205	#8-32 x 1-3/4"Fill.Hd.Scr.(2)(G.C.)
57206-01	Nameplate
70812	Logo Sticker
51097	Connection Diagram
Lubrication - 9/10 oz. H.D.Grease, ML54-1	

EXTRA EQUIPMENT

U/C-2194	6 oz. Grease
60541	1 lb. Grease
U-2252	Kit Box

CAT.NO.6021

TYPE 2

3/8" DRILL

VOLTS 120 AC AMPS 2.4 RPM 1000

THE BLACK & DECKER MFG.CO., TOWSON, MD.

MADE IN U.S.A. W.M.K. E BULLETIN NO.2809

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE NAMEPLATE INFORMATION AND PART NUMBERS.

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.

70807 ATTACHMENT PLUG
 51108-98 CORD & PLUG (#18-3SJT-6FT.)
 14831 #6-32 X 1-1/2" FILL. HD. SCREW & W. (2)
 12226 #6-32 HEX NUT (2)
 55211 SWITCH HANDLE
 67281-02 SWITCH
 1789 #8-32 X 1/2" FILL. HD. SCREW (2)
 36700 LOCKWASHER (2)
 51107 WASHER (2)
 99317-04 #6-32 X 1/4" TERM. SCREW & W.
 26192 LEAD TERMINAL
 27761 SLEEVE BEARING
 37414 WASHER
 24857 #8-32 X 3/16" SET SCREW (2)

14831 #6-32 X 1-1/2" FILL. HD. SCR. & W. (2)
 71461-71 FIELD
 66125 FIELD CASE & N/P
 66708-31 ARMATURE & FAN ASSM.
 34230 FAN
 37413 SPRING WASHER
 37381 WASHER
 27767 FAN BAFFLE PLATE
 54858 SLEEVE BEARING
 54853 GEAR CASE COVER
 22308 BALL THRUST WASHER (2)
 10511 BALL THRUST RETAINER
 70374 SPINDLE & GEAR
 70550 SLEEVE BEARING

CHUCK

UNITS MAY BE EQUIPPED WITH ANY
 OF THE FOLLOWING CHUCKS:

66427 3/8" CHUCK & KEY (JACOBS U4661)
 70542 3/8" CHUCK & KEY (SUPREME B80-A)
 45355 CHUCK KEY (JACOBS KG)

PARTS NOT SHOWN

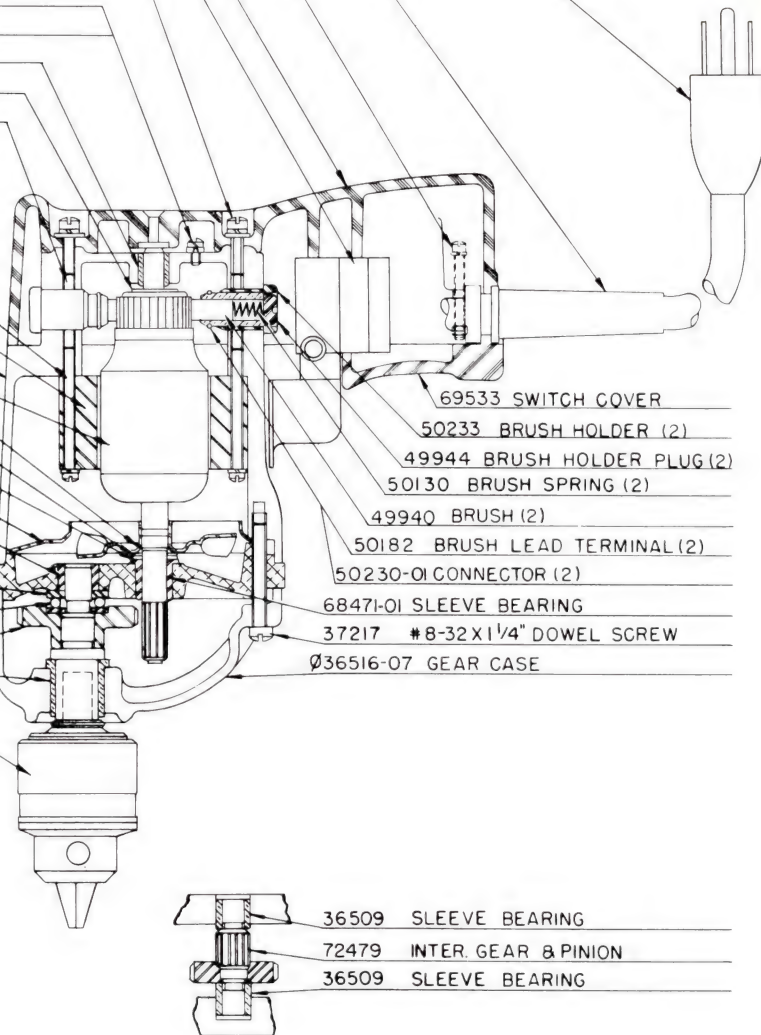
13205 #8-32 X 1-3/4" FILL. HD. SCR. (2) (F.C.)
 57206-01 NAMEPLATE (F.C.)
 57705 CHUCK KEY HOLDER
 70812 LOGO STICKER (F.C.)
 67280 CONNECTION DIAGRAM

NOTES

36516-07 (G.C.) INCL. 36509 & 70550.
 54853 (G.C.C.) INCL. 36509, 54858 & 68471-01.
 66125 (F.C.) INCL. 27761 & 57206-01.
 LUBRICATION - 1-1/4 OZ. HEAVY DUTY GREASE, ML54-I.

EXTRA EQUIPMENT

U/C-2194 6 OZ. GREASE
 60541 1 LB. GREASE
 U-2252 KIT BOX

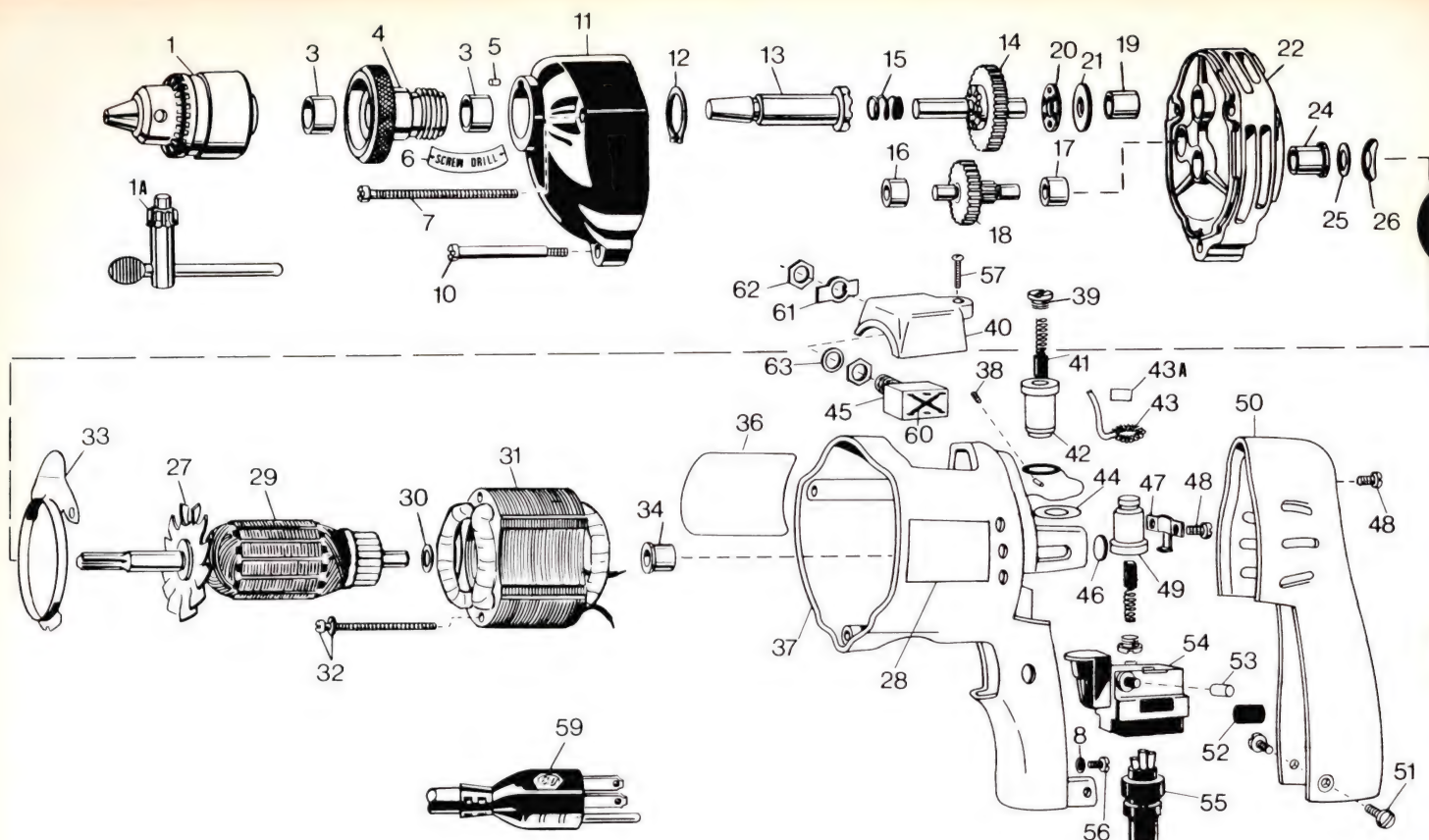


IMPORTANT!

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 RELIABILITY - REPAIRS, MAINTENANCE
 AND ADJUSTMENTS SHOULD BE PERFORMED
 BY BLACK & DECKER SERVICE CENTERS OR
 OTHER QUALIFIED SERVICE ORGANIZATIONS,
 USING BLACK & DECKER REPLACEMENT PARTS.

CAT. NO. 6022 TYPE 2
3/8" VARIABLE-SPEED DRILL
• SPEED CONTROL •
 VOLTS 120AC AMPS 2.4 RPM 0-1000

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND
 MADE IN U.S.A. W.M.K. D BULLETIN NO. 2811



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Part No.	Description	Qty.
1	46110	Chuck & Key (Jacobs Mc4K01)	1	33	38016	Fan Baffle	1	PARTS NOT SHOWN		
1A	46164	Chuck Key (KK)	1	34	45615	Sleeve Bearing	1	34289	Lead Terminal (Ground)	1
3	45119	Sleeve Bearing	2	36	73998	Name Plate	1	38092	Switch Insulator	1
4	73082	Collar (Incls. both #3)	1	37	58245	Field and Switch Case (Incls. #34)	1	64736	Connection Diagram	1
5	45549	Plug	1	38	27760	Set Screw 8-32 x 1/4"	1	46629	Wire Connector	3
6	73997	Sticker	1			Slot. C. Pt.	1			
7	13358	8-32 x 2" Fill H.M. Screw	2	39	33127	BR HLDR Plug	2			
8	418	#8 Lockwasher	1	40	50714-01	Switch Housing	1			
10	39544	Dowel Screw	1	41	33126	Brush Assembly	2			
11	73137	Gear Case (Incls. #16)	1	42	33124	Brush Holder	1			
12	45012	Retaining Ring	1	43	33311	Term. Spring	2			
13	45858	Clutch	1	43A	33314	Connector	2			
14	45554	Spindle & Gear	1	44	27766	Insul. Shield	2			
15	45550	Clutch Spring	1	45	62144	Rev. Switch (Incl #61)	1			
16	73128	Sleeve Bearing	1	46	36566	Felt Bearing Seal	1			
17	36509	Sleeve Bearing	1	47	36542	Brush Holder Clamp	1			
18	36541	Gear & Pinion	1	48	2178	Screw 8-32 x 3/8" Fil. Hd.	2			
19	27763	Sleeve Bearing	1	49	36676	Brush Holder	1			
20	10511	Thrust Ball Retainer	1	50	58159-01	SW HDLE Cover	1			
21	22308	Thrust Washer	1	51	21348	Screw 8-32 x 5/16" Oval Hd.	2			
22	45854-02	Gear Case Cover (Incls. #17, #19, #24)	1	52	30613	Rubber Plug	1			
24	27762-01	Sleeve Bearing	1	53	71033	SA Button & Spring Kit	1			
25	37381	Washer	1	54	65208	Switch	1			
26	37413	Spring Washer	1	55	51108-98	Cord & Plug	1			
27	71373	Fan	1	56	2379	8-32 x 5/16" Terminal	1			
28	70840	Ident. Label	1	57	380	8-32 x 3/8"	1			
29	45860-31	Armature & Fan (Incls. #27)	1			Fil. H. Screw & W.	1			
30	37414	Washer	1	59	70807	Attachment Plug	1			
31	46065-71	Field	1	60	38838	Insulating Sleeve	2			
32	25999	6-32 x 2" Fill H.M.S. & Washer	2	61	19326	Ident. Plate	1			
				62	24701	Hex Nut	2			
				63	46655	Lockwasher	1			



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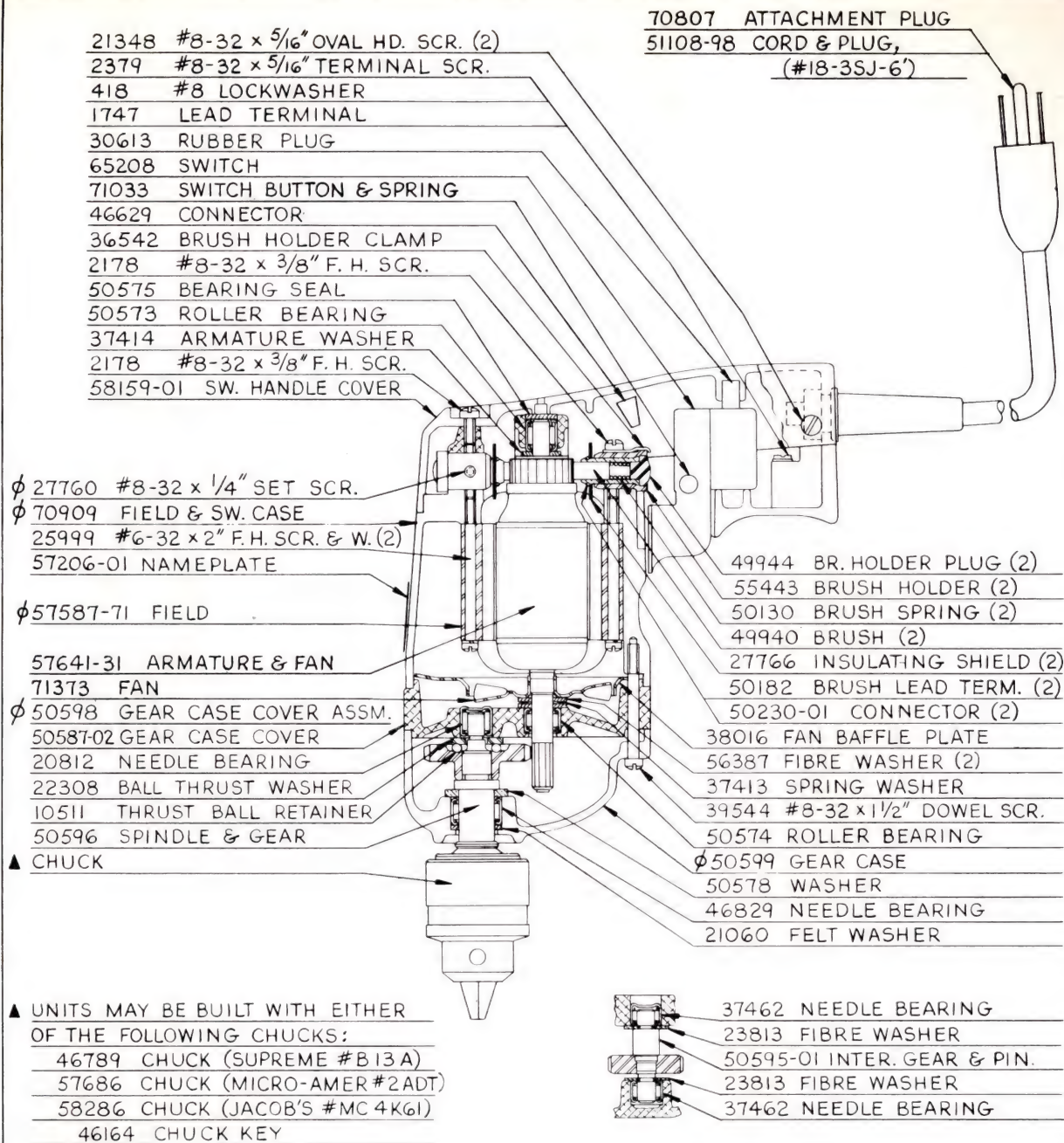
3/8" VARI-SPEED

SCRUI-DRILL (Reversible)

Cat. No.	Volts	Type	Amps.	RPM
6023	120	2	2.7	0-1000

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A. **BULLETIN NO. 2940**



NOTES

27760 (SCR.) TIGHTEN TO 4-7 IN. LBS.
50598 (G.C.C.) INCL. **20812**, **37462**, **50574** & **50537**
50599 (G.C.) INCL. **21060**, **37462** & **46829**
70909 (F. & SW. CASE) INCL. **50573** & **70891**.
57587-71 (FIELD) INCL. **50182** (2) & **50230-01** (2)
LUBRICATION - 1 1/2 OZ. HEAVY-DUTY GREASE, ML54-I.

EXTRA EQUIPMENT

U/C-2194 GEAR GREASE 6 OZ.
60541 1 LB. GEAR GREASE
60542 5 LB. GEAR GREASE

PARTS NOT SHOWN

13358 #8-32 x 2" F.H. SCR. (2) (G.C.)
57705 CHUCK KEY HOLDER
70840 TRADEMARK STICKER
72539 CONNECTION DIAGRAM

IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

CAT. NO. **6024**

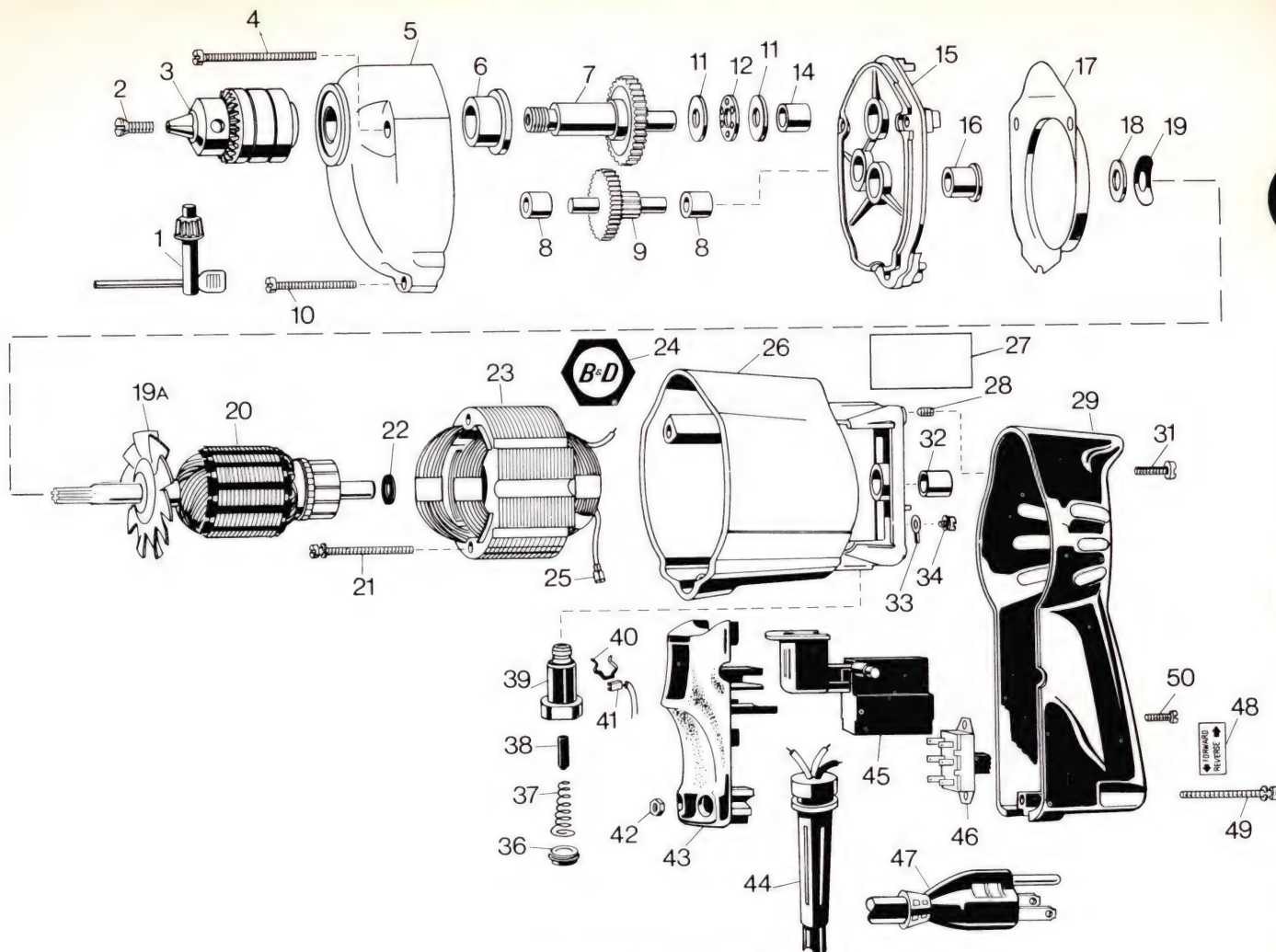
TYPE **A**

3/8" HEAVY DUTY VARIABLE SPEED DRILL

VOLTS 120 AC AMPS 2.2 RPM 0-1000

THE BLACK & DECKER MFG. CO., TOWSON, MD.

MADE IN U.S.A. W.M.K. D BULLETIN #2760-1



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.
1	45355	Chuck Key (Jacobs #KG)	1
	74323	Chuck Key	
2	65630	#10-32 Special Left-hand Screw	1
3	66427	Chuck & Key (Incl. Item 1) (Jacobs #DC4G61)	1
	87936	Chuck & Key (87936-01)	
4	13205	#8-32 x 1 1/4 Fill. Hd. Mach Screw and Washer	2
5	36516-07	Gear Case (Incls. Item 6, 8)	1
6	70550	Flanged Sleeve Bearing	1
7	70374-02	Spindle and Gear	1
8	36509	Sleeve Bearing	2
9	72479	Gear and Pinion	1
10	37217	8-32 x 1 1/4 Fill. H.M. Screw	1
11	22308	Washer, Ball Thrust	2
12	10511	Retainer, Ball Thrust	1
14	54858	Sleeve Bearing	1
15	54853	Gear Case Cover (Incl. Items, 8, 14, 16)	1
16	27762-02	Flanged Sleeve Bearing	1
17	27767	Plate, Fan Baffle	1
18	37381	Washer, Fiber	1
19	37413	Washer, Spring	1
19A	71373	Fan	1
20	87380-31	Armature & Fan (Incl. Item 19A)	1
21	14831-01	#6-32 x 1 1/2 Fill. H.M. Screw & Washer	2
22	37414	Washer, Fiber	1

Index No.	Part No.	Description	Qty.
23	87373-71	Field (Incl. Item 25)	1
24	57468	Hex Sticker	1
25	51350	Lead Terminal	1
26	66125	Field Case & Nameplate (Incl. Item 27 & 32)	1
27	57206-01	Nameplate	1
28	24857	#8-32 x 3/16 Set Screw	2
29	64720	Handle, Switch	1
31	85401	#8-32 x 7/16 Pan Hd. Screw	2
32	27761-02	Sleeve Bearing	1
33	34289	Lead Terminal	1
34	99317-04	#6-32 x 1/4 Screw & Washer	1
36	49944	Plug, Brush Holder	2
37	50130	Brush Spring	2
38	87768	Brush	2
39	50233	Brush Holder	2
40	50182	Brush Terminal	2
41	50230-01	Terminal Connector	2
42	12226	#6-32 Hex Nut	2
43	69533	Switch Cover	1
44	51108-98	Cord & Plug (18-3 SJT 6')	1
45	67281-02	Variable Speed Switch	1
46	61363	Reverse Switch	1
47	70807	Attachment Plug	1
48	74094	Instruction Label	1
49	14831	#6-32 x 1 1/2 F.H.M. Screw & Washer	2
50	99065-07	Nylon Screw #6-32 x 7/16	2

PARTS NOT SHOWN

57705	Chuck Key Holder
87371	Connection Diagram

Extra Equipment

u/c 2194 Grease

NOTE—Flat face of Item #11 Washers to be positioned against Item #12 Ball Thrust Retainer.

LUBRICATION—.9 oz. ML54-1 HD Grease.



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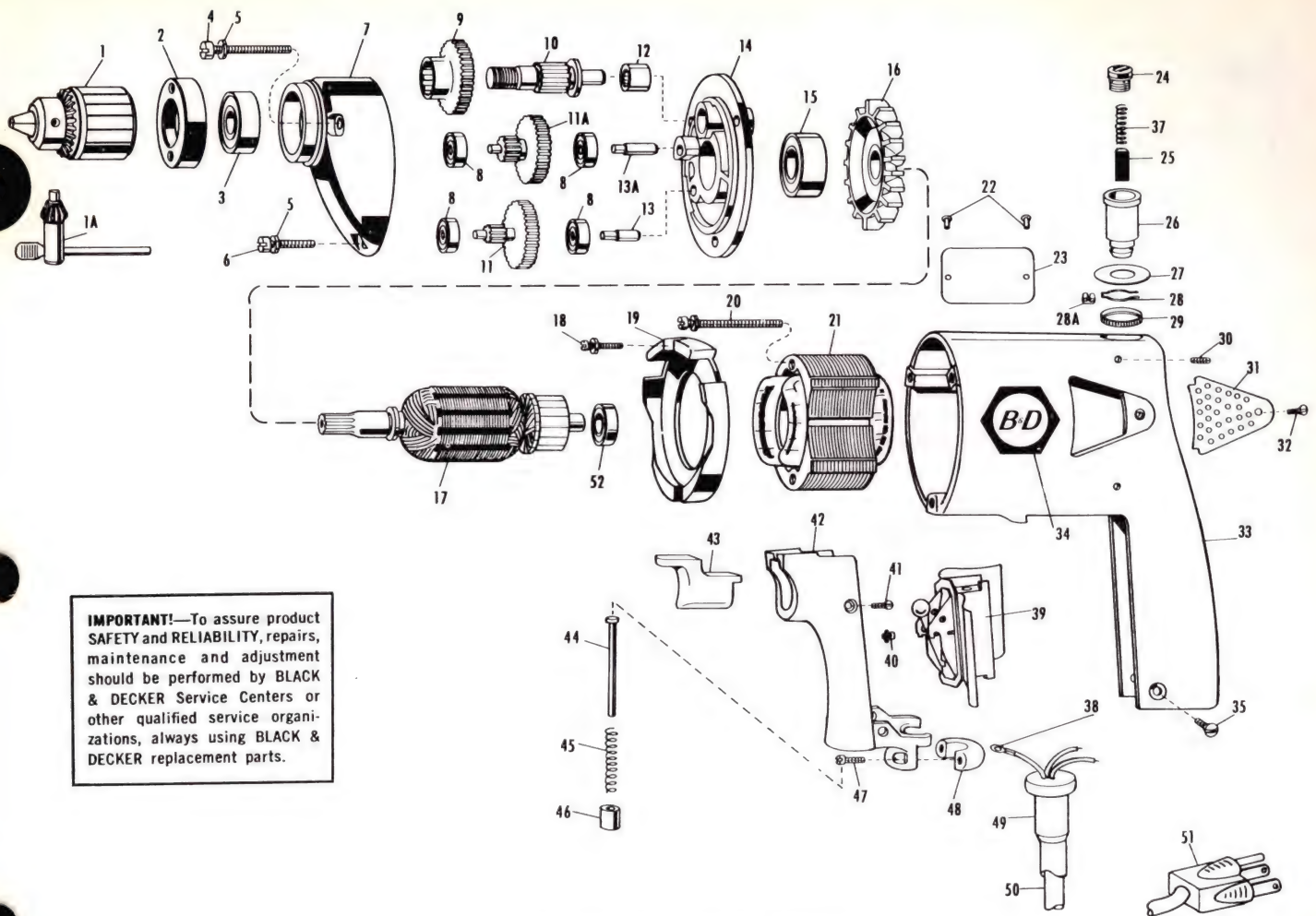
**3/8" VARIABLE SPEED
REVERSING DRILL**

Cat. No.	Volts	Type	Amps.	RPM
6026	120	1	2.4	1000

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

Bulletin No. 7099-1

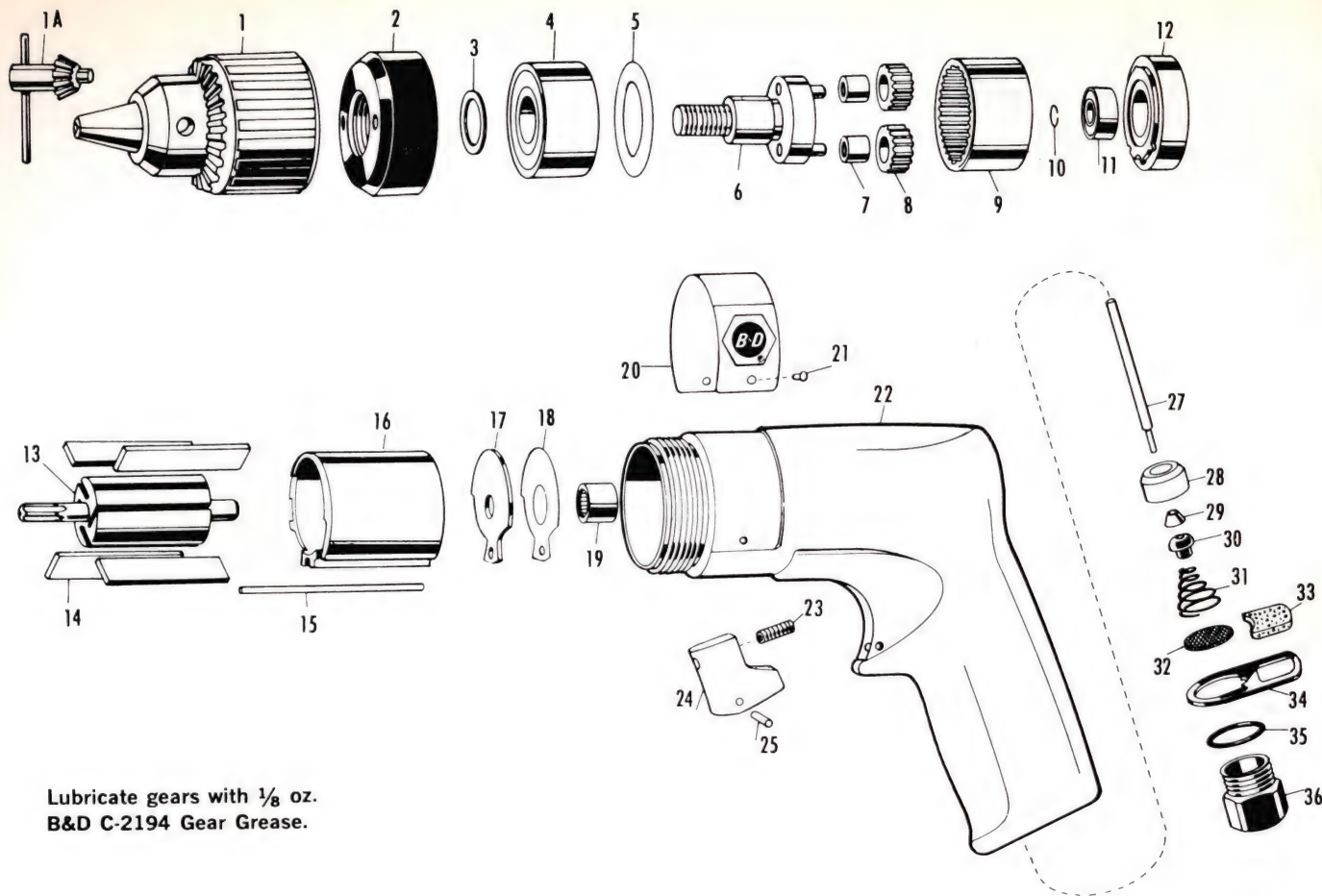


IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

PARTS IDENTIFICATION

Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.																									
1	85451	3/8" Chuck & Key (Rohm P10-MOD)	1	25	85531-01	Brush	2	48	24361	Cord Clamp	1																									
1A	1536L	Key (Jacobs S 17)	1	26	86022	Brush Holder	2	49	24288	Cord Protector	1																									
2	20702	Bearing Cap	1	27	85533	Fibre Washer	2	50	36480-98	Cord & Plug, 120V	1																									
3	55689	Ball Bearing	1	28A	33314	Connector	2	51	70807	Attachment Plug, 120V	1																									
4	13205	#8-32 x 1 3/4 Fill. Hd. M. Scr.	2	28	52020	Brush Lead Terminals	2	52	20774-01	Ball Bearing	1																									
5	418	#8 Lockwasher	3	29	36024	Brush Cap Protector	1	PARTS NOT SHOWN:																												
6	640	#8-32 x 1 Fill. Hd. M. Scr.	1	30	27760	#8-32 x 1/4 Set Screw	2	85534	Connection Diagram																											
7	20778-01	Gear Case	1	31	34414	Brush Cover	2	EXTRA EQUIPMENT:																												
8	13074	Ball Bearing	4	32	34897	#5-40 x 5/16 O.H.M. Screw	2	34518	Chuck Key Holder																											
9	20737	Spindle Gear	1	33	70440-02	Field Case (Incls. 29)	1	24449	Chuck Protector & Bearing Cap																											
10	20766	Spindle (3/8-24)	1	34	57468	Hexagon Label	1	LUBRICATION: 3/4 oz. Standard Gear Grease, B&D Cat. No. 60541, 1 lb. can.																												
11	34427	1st. Intermed. Gear & Pinion	1	35	85361	#8-32 x 5/16 Phillips O.H.M. Screw	2	WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.																												
11A	20956	2nd. Intermed. Gear & Pinion	1	37	50130	Brush Spring	2	<table border="1"><tr><th colspan="5">3/8" HEAVY-DUTY HOLGUN® DRILL</th></tr><tr><th>Cat. No.</th><th>Type</th><th>Volts</th><th>Amps.</th><th>R.P.M.</th></tr><tr><td>6031</td><td>4</td><td>120</td><td>3.0</td><td>1000</td></tr><tr><th colspan="5">THE BLACK & DECKER MFG. CO. TOWSON, MD. 21204</th></tr><tr><td colspan="2">Printed in U.S.A.</td><td colspan="3">BULLETIN NO. 8069</td></tr></table>				3/8" HEAVY-DUTY HOLGUN® DRILL					Cat. No.	Type	Volts	Amps.	R.P.M.	6031	4	120	3.0	1000	THE BLACK & DECKER MFG. CO. TOWSON, MD. 21204					Printed in U.S.A.		BULLETIN NO. 8069		
3/8" HEAVY-DUTY HOLGUN® DRILL																																				
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THE BLACK & DECKER MFG. CO. TOWSON, MD. 21204																																				
Printed in U.S.A.		BULLETIN NO. 8069																																		
12	20812	Needle Bearing	1	38	33315	Lead Terminal	1																													
13	20701	1st Intermediate Spindle	1	39	85537	Switch	1																													
13A	21620	2nd. Intermed. Spindle	1	40	99317-03	#6-32 x 3/16 P.H. Screw & Washer	1																													
14	20801	Gear Case Cover (Incl. 12, 13, 13A)	1	41	34417-01	#4-24 x 3/8 Fill. Hd. Self-tap Screw	2																													
15	19738	Ball Bearing	1	42	70413-01	Switch Supports (Incls. 44, 45, 46)	1																													
16	34411	Fan	1	43	34413	Trigger	1																													
17	63377-31	Armature, 120V	1	44	70391	Plunger	1																													
18	5775	#6-32 x 5/8 Fill. Hd. Scr. & W.	1	45	23259	Spring	1																													
19	34412	Baffle	1	46	34418	Plunger Button	1																													
20	14831	#6-32 x 1 1/2 Fill. Hd. M. Screw & Washer	2	47	71491	#6-32 x 1/2 Fill. Hd. M. Screw	2																													
21	85536-71	Field, 120V	1																																	
22	14437	#2 x 1/8 Drive Screw	2																																	
23	63877-01	Nameplate	1																																	
24	63941	Brush Holder Plug	2																																	

Form No. 97261



Lubricate gears with $\frac{1}{8}$ oz.
B&D C-2194 Gear Grease.

PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	66427	$\frac{3}{8}$ " Chuck & Key (Jacobs U4G61)	1	20	69912	Nameplate	1
1A	45355	Chuck Key (Jacobs KG)	1	21	14437	Drive Screw	2
2	69917	Bearing Cap	1	22	69902	Motor Housing (Incl. Items 19, 28)	1
3	72001	Washer	1	23	69923	Set Screw (10-24x $\frac{1}{2}$)	1
4	701236	Ball Bearing	1	24	69899	Trigger	1
5	69913	Washer	1	25	99227-05	Pin	1
6	69934	Work Spindle ($\frac{3}{8}$ -24) & Pins	1	27	69898	Pin	1
7	701230	Sleeve Bearing	2	28	69905	Valve Seat	1
8	701229	Planet Gear (Incl. 7)	2	29	69926	Throttling Valve	1
9	72744	Ring Gear	1	30	69897	Valve	1
10	701240	Retaining Ring	1	31	69896	Spring	1
11	701253	Ball Bearing	1	32	71997	Screen	1
12	69909	Front End Plate	1	33	69901	Muffler (See instr.)	2
13	69921	Rotor	1	34	69900	Muffler Holder	1
14	73304-01	Rotor Blade	4	35	695606	O-Ring	1
15	69911	Pin	1	36	69895	Inlet Bushing	1
16	69906	Liner	1	EXTRA EQUIPMENT			
17	69914	Rear End Plate	1	71664	Remote Exhaust Adapter		
18	69915	Gasket	1	60538	"Moisture Gard" Air Motor Oil 4 oz.		
19	58496	Needle Bearing	1				

WHEN ORDERING REPLACEMENT PARTS,
YOU MUST GIVE NAME OF UNIT, TYPE AND CATALOG NUMBER
AS SHOWN ON NAMEPLATE, PLUS
PART NUMBER AND NAME OF PART NEEDED.

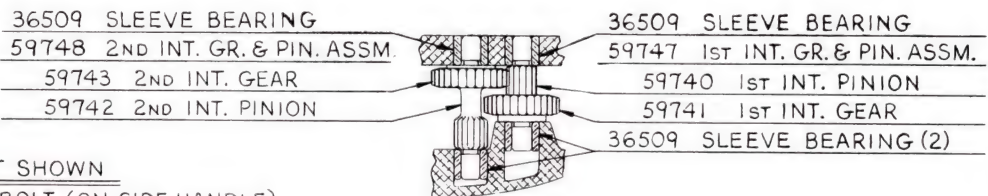
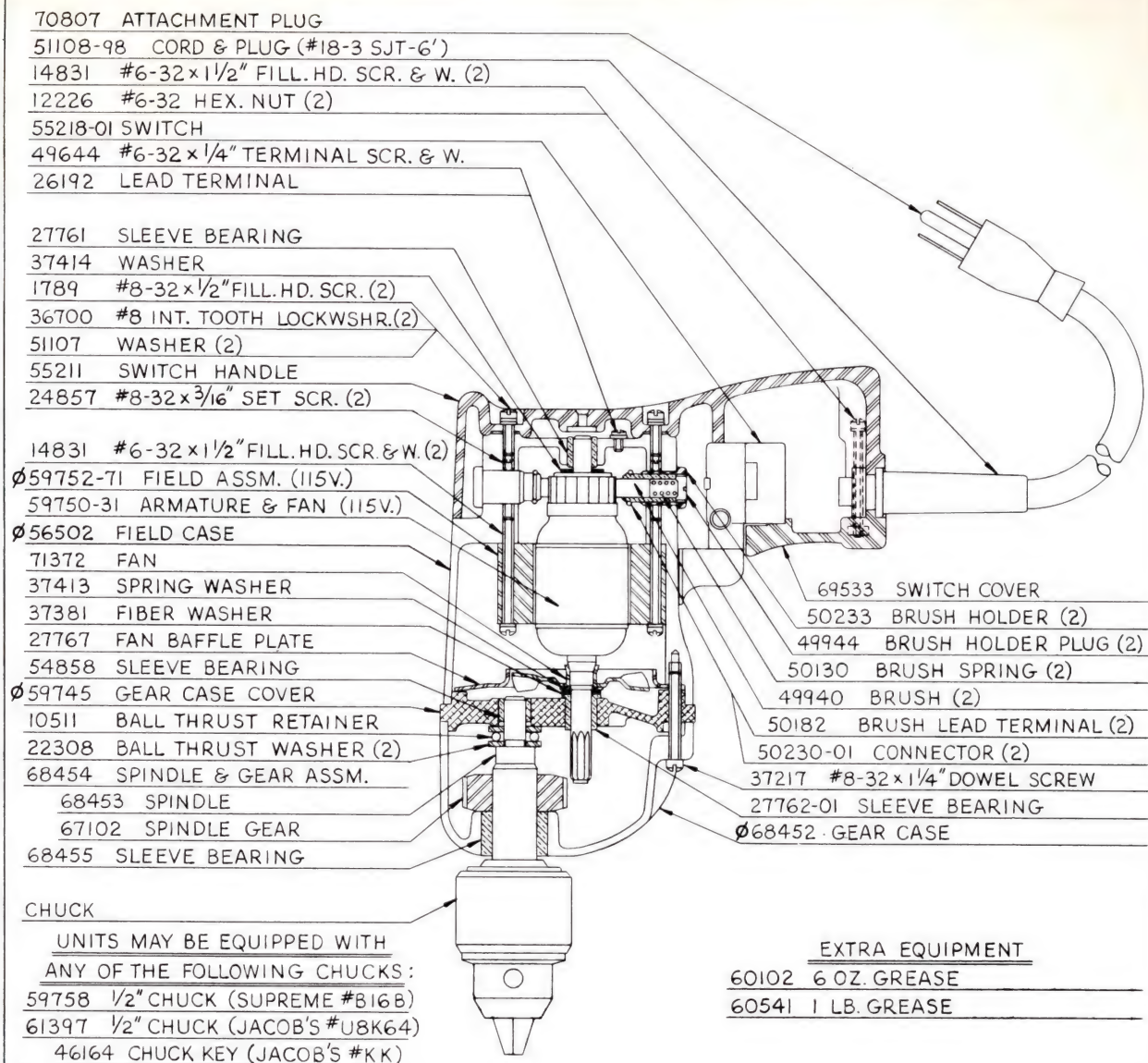
$\frac{3}{8}$ " AIR DRILL
Cat. No. 6072

TYPE 1
2350 RPM

The BLACK & DECKER Mfg. Co.
Towson, Maryland 21204, U.S.A.

Printed in U.S.A.

BULLETIN NO. 2657-1



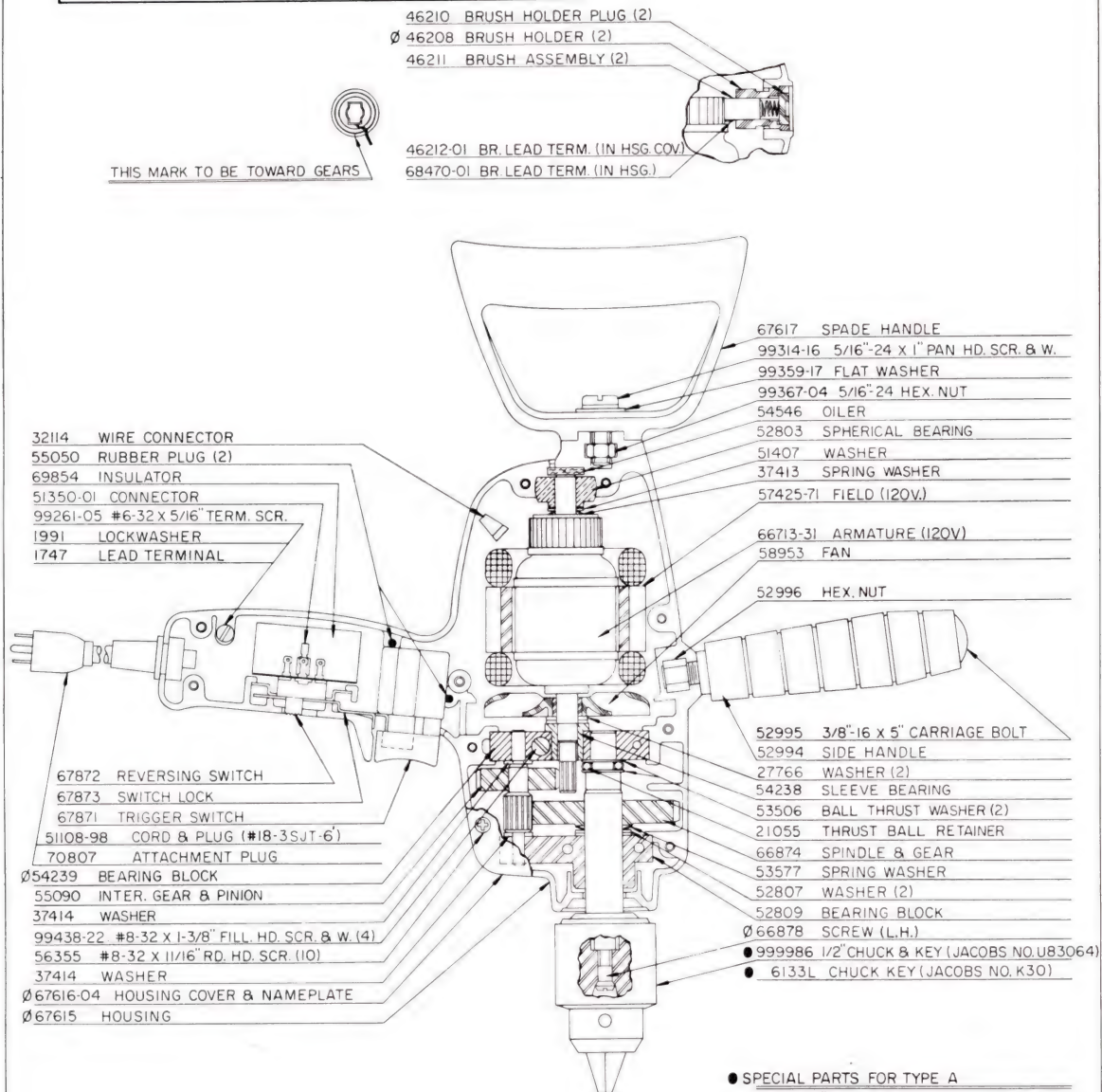
PARTS NOT SHOWN
 52995 CARRIAGE BOLT (ON SIDE HANDLE)
 57206-01 NAMEPLATE (ON F.C.)
 70812 TRADEMARK STICKER (ON F.C.)
 59209-01 SIDE HANDLE
 59850 LOCKWASHER (ON SIDE HANDLE)
 60169 #8-32 x 2 1/4" FILL. HD. SCR. (2) (G.C.)
 51097 CONNECTION DIAGRAM

Ø NOTES
 56502 (F.C.) INCL. 27761 & 57206-01.
 59745 (G.C.C.) INCL. 27762-01, 36509 (2) & 54858.
 59752-71 (FIELD) INCL. 50182 (2) & 50230-01 (2).
 68452 (G.C.) INCL. 36509 (2) & 68455.
 LUB.-1 1/4 OZ. HEAVY DUTY GREASE ML54-1.

CAT. NO. 6041		TYPE A	
1/2" DRILL			
VOLTS 120 AC AMPS 3.0 RPM 550			
THE BLACK & DECKER MFG. CO., TOWSON, MD.			
MADE IN U.S.A.	W.M.K.	D	BULLETIN #2719

IMPORTANT!

TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.



Ø NOTES

- 46208 (BR.H.) SHOULD BE GLUED IN PLACE WITH A GOOD TWO PART EPOXY CEMENT (SUCH AS ECCOBOND #26).
 54239 (BRG. BLOCK) INCL. 54238.
 66878 (SCR.) APPLY LOCTITE GRADE CV & TORQUE TO 42-48 IN. LBS.
 67615 (HSG.) INCL. 46208.
 67616-04 (HSG. COV. & N/P) INCL. 46208 & 57206-01.
 LUBRICATION - 1 OZ. H.D. GREASE, ML54-1.

PARTS NOT SHOWN

- 55050 RUBBER PLUG (2) (HSG. COV.-OVER SWITCHES)
 57206-01 NAMEPLATE
 70840 TRADEMARK STICKER
 59951 BEARING PLUG (HSG. COV.-OVER SPHER. BRG.)
 67867 CONNECTION DIAGRAM

● SPECIAL PARTS FOR TYPE A

- 66876 1/2" CHUCK & KEY (SUPREME NO. B16 B)
 72750 1/2" CHUCK & KEY (JACOBS NO. U8K64A)
 46164 CHUCK KEY (JACOBS NO. KK)

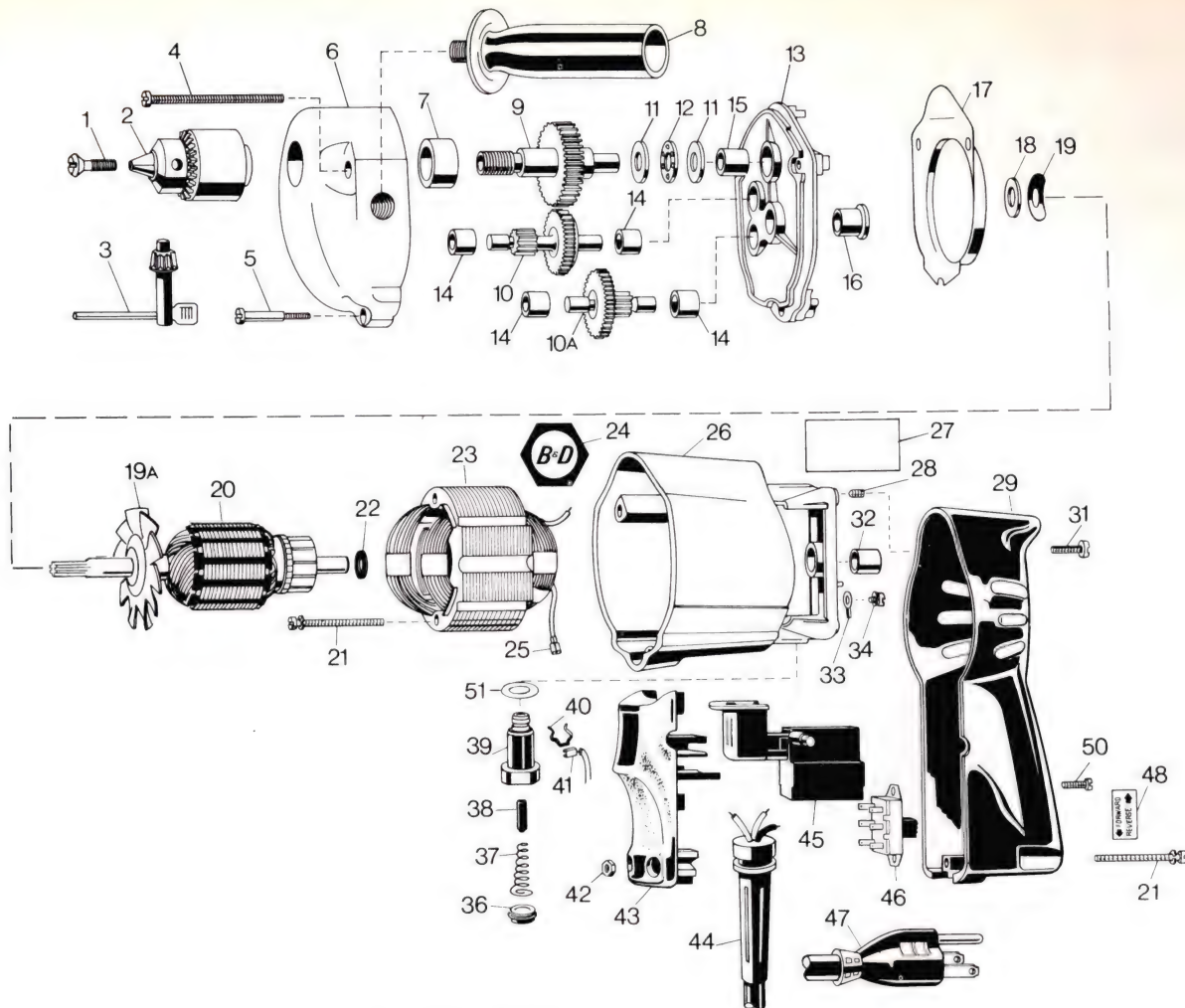
EXTRA EQUIPMENT

- U/C-2194 6 OZ. GREASE
 60541 1 LB. GREASE
 60542 5 LBS. GREASE

CAT. NO. 6042 TYPE A-AA
 1/2" REVERSING DRILL

VOLTS 120AC AMPS 4.2 RPM 500
 (ILLUSTRATION SHOWS TYPE AA)

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND
 MADE IN U.S.A. J.R.S. F BULLETIN NO. 2628-1



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.
1	66878	5/16" Spec. Left-Hand Scr.	1
2	87348	Chuck & Key (Incls. Item 1) (Jacobs #8K64)	1
3	46164	Chuck Key (Jacobs #KK)	1
4	60169	8-32 x 2 1/4 Fill. Hd. M.S.	2
5	37217	8-32 x 1 1/4 Dowel Screw	1
6	68452	Gear Case (Incls. Item 7, 14)	1
7	68455	Sleeve Bearing	1
8	86319	Side Handle	1
9	68454-01	Spindle and Gear (1/2-20)	1
10	59748	2nd Intermediate Gear	1
10A	59747	1st Intermediate Gear	1
Ø11	22308	Ball Thrust Washer	2
Ø12	10511	Ball Thrust Retainer	1
13	59745	Gear Case Cover (Incls. 14, 15, 16)	1
14	36509	Sleeve Bearing	4
15	54858	Sleeve Bearing	1
16	27762-01	Sleeve Bearing	1
17	27767	Plate, Fan Baffle	1
18	37381	Washer, Fiber	1
19	37413	Washer, Spring	1
19A	71372	Fan	1
20	88866-31	Armature & Fan (Incl. Item 19A)	1
21	14831	#6-32 x 1 1/2 Fill. H.M. Screw & Washer	4
22	37414	Washer, Fiber	1

Index No.	Part No.	Description	Qty.
23	88031-71	Field (Incl. Item 25)	1
24	57468	Hex Sticker	1
25	51350	Lead Terminal	1
26	66125	Field Case & Nameplate (Incl. Item 27 & 32)	1
27	57206-01	Nameplate	1
28	24857	#8-32 x 3/16 Set Screw	2
29	64720	Handle, Switch	1
31	85401	#8-32 x 7/16 Pan Hd. Screw	2
32	27761	Sleeve Bearing	1
33	34289	Lead Terminal	1
34	99317-04	#6-32 x 1/4 Screw & Washer	1
36	49944	Brush Holder Plug	2
37	50130	Brush Spring	2
38	87768	Brush	2
39	50233	Brush Holder	2
40	50182	Brush Terminal	2
41	50230-01	Terminal Connector	2
42	12226	#6-32 Hex Nut	2
43	69533	Switch Cover	1
44	51108-98	Cord & Plug (18-3 SJT 6')	1
45	67281-01	Variable Speed Switch	1
46	61363	Reverse Switch	1
47	70807	Attachment Plug	1
48	74094	Instruction Label	1
50	99065-07	Nylon Screw #6-32 x 7/16	2
51	54067	Fibre Washer	2

PARTS NOT SHOWN

57705 Chuck Key Holder
87371 Connection Diagram

Extra Equipment

u/c 2194 Grease

Ø NOTE—Flat face of Item #11 Washers to be positioned against Item #12 Ball Thrust Retainer.

LUBRICATION—.9 oz. ML54-1 HD Grease.



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

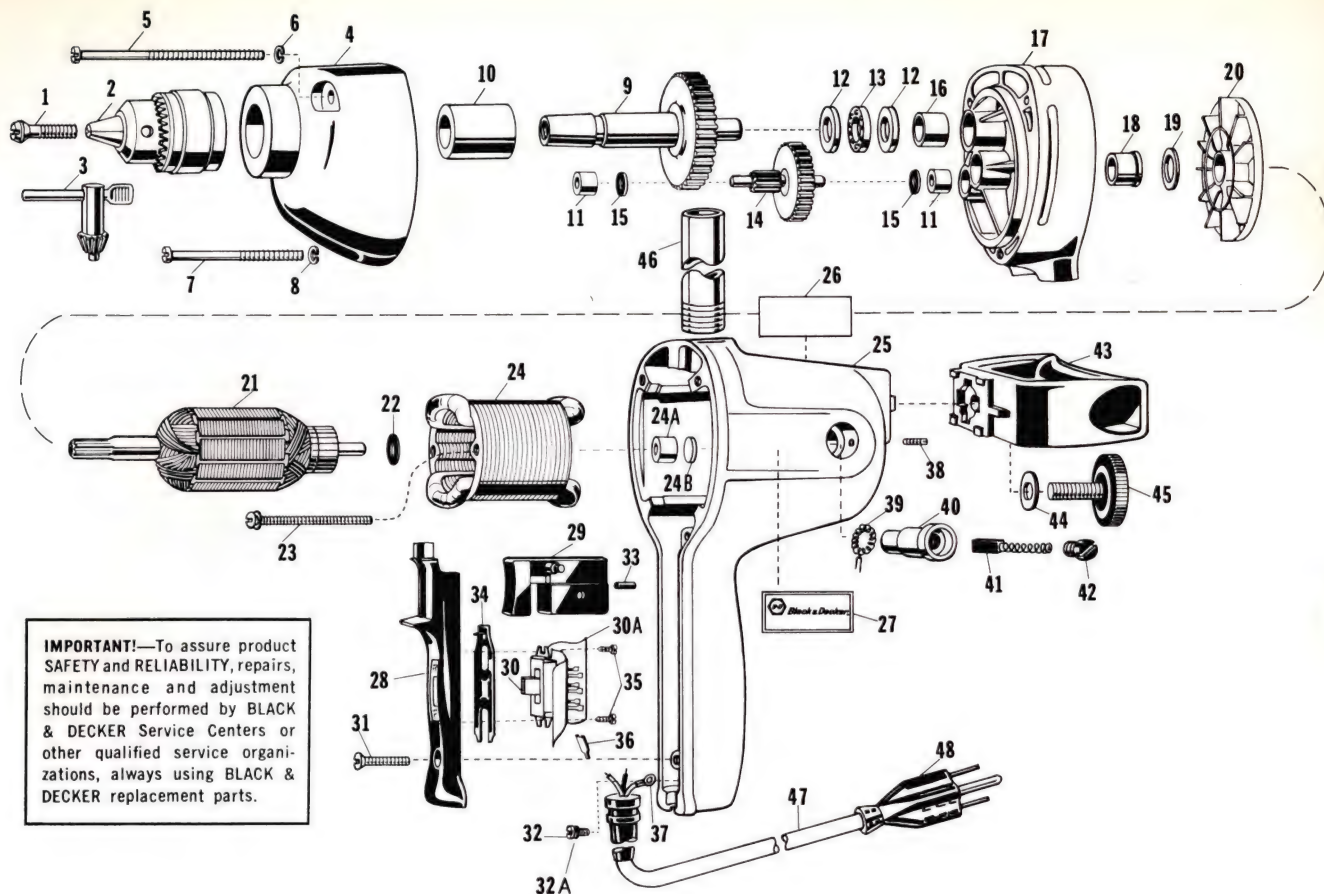
1/2" VARIABLE SPEED REVERSING DRILL

Cat. No.	Volts	Type	Amps.	RPM
6043	120	1	3.0	550

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 8040-1



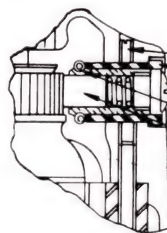
IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	51218	1/4-20 x 1 F.H. Soc. Cap Scr.	1	21	68764-31	Armature	1	40	32457	Brush Holder	2
2	65539	Chuck & Key (incl. #3) (Jacob's No. U8K33A)	1	22	45002	Fibre Washer	1	41	70482	Brush Assembly	2
3	46164	Key (Jacob's No. KK)		23	6125	10-32 x 2 1/4 R.H.M. Screw & Washer	2	42	7441	Brush Holder Plug	2
4	67940-01	Gear Case (incl. 1-#10, #11)	1	24	39994-71	Field	1	43	67617	Spade Handle	1
5	22412	10-32 x 3 1/2 F.H.M.S.	2	24A	39873	Sleeve Bearing	1	44	80457	Fibre Washer	1
6	417	Lockwasher	2	24B	39877	Wick	1	45	67787	Knob	1
7	39906	10-32 x 2 1/2 F.H. Dowel Scr.	1	25	69722-03	Field & Switch Case (incl. #24A, #24B, #26)	1	46	39872	Pipe Handle	1
8	58225	Lockwasher	1	26	59351-01	Nameplate	1	47	51108-98	Cord & Plug	1
9	69721	Spindle & Gear	1	27	69813	Trademark Sticker	1	48	99586-01	Attachment Plug	1
10	39875	Sleeve Bearing	1	28	67943	Switch Handle Cover	1	PARTS NOT SHOWN			
11	36509	Sleeve Bearing	2	29	67871	Trigger Switch	1	65288	Chuck Key Holder	1	
12	5871	Thrust Washer	2	30	67872	Slide Switch	1	67899	Connection Diagram	1	
13	5847	Thrust Bearing	1	30A	69854	Insulator	1	86561	Sw. Insul. Sleeve	1	
14	39879-02	Gear & Pinion	1	31	39907	10-32 x 7/8 O.H.M.S.	1	1/2" SPECIAL REV. DRILL TYPE A CAT NO. 6044 120 Volts, 4.5 Amps., 600 RPM The Black & Decker Mfg. Co. Towson, Maryland 21204 Made in U.S.A. BULLETIN NO. 2609-I			
15	2671	Fibre Washers	2	32	99261-05	6-32 x 5/16 Term. Screw	1				
16	39908	Sleeve Bearing	1	32A	1991	Lockwasher	1				
17	39862	Gear Case Cover (incl. 1-#11, #16, #18)	1	33	30611	Rubber Plug	1				
18	39874	Sleeve Bearing	1	34	67949	Switch Lock	1				
19	22365	Fibre Washer	1	35	67989	6-20 x 3/8 Pan H. Self-Tap. Scr.	2				
20	58953	Fan	1	36	51350-01	"Faston" Receptacle	6				
				37	1747	Lead Terminal	1				
				38	33029	8-32 x 3/8 C.P. Set Screw	2				
				39	3353	Brush Lead Terminal	2				

WHEN ORDERING REPLACEMENT PARTS, YOU **MUST** GIVE NAME OF UNIT, TYPE & CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER & NAME OF PART NEEDED.

EXTRA EQUIPMENT

23638 1 LB. GEAR GREASE
32907 5 LB. GEAR GREASE



905 #10-32x1/2" SET SCREW (2)
7642 BRUSH HOLDER (2)
7441 BRUSH HOLDER PLUG (2)
3353 BRUSH LEAD TERMINAL (2)
19890 BRUSH ASSEMBLY (2)

Ø 21849 SPADE HANDLE
14210 CHUCK KEY CLIP
3041 #2x3/16" DRIVE SCREW (2)
14328 BALL BEARING
9842 1/4"-28x1 1/4" F.H. SCREW (2)
416 1/4" LOCKWASHER (2)
51132-01 FIELD CASE
49019-31 ARMATURE
49020-71 FIELD
12158 #10-32x2" R.H. SCR. & W. (2)
71352 NAMEPLATE
14437 #2x1/8" DRIVE SCREW (2)
21829 FAN
583 SIDE HANDLE

70807 ATTACHMENT PLUG
36480-98 CORD & PLUG #18-35JH0
21235 BRUSH COVER
375 #10-32x3/8" R.H. SCR. (2)
417 #10 LOCKWASHER (2)
22328 CORD PROTECTOR
2541-01 #8-32x7/16" F.H. SCR. (2)
3618 CORD CLAMP
5766 1/4"-28x3/4" F.H. SCR. (4)
416 1/4" LOCKWASHER (4)
Ø 26175 SWITCH HANDLE CASE
2757 #8-32x3/16" GRD. SCREW
418 #8 LOCKWASHER
1747 LEAD TERMINAL (GRD.)
15805 STRAP
26192 LEAD TERMINAL (4)

Ø 51404 GEAR CASE COVER ASSEM.
51409 GEAR CASE COVER
21831 NEEDLE BEARING
18120 BALL BEARING
21246 NEEDLE BEARING
Ø 51403-01 GEAR CASE ASSEM.
51408-01 GEAR CASE
21824 SPINDLE GEAR
21827 BEARING CAP
21825 SPINDLE (1/2"-20 THD.)

▲ 1/2" CHUCK

▲ UNITS MAY BE EQUIPPED WITH

EITHER OF THE FOLLOWING CHUCKS:
23230 1/2" CHUCK (JACOBS #33-B)
72381 1/2" CHUCK (SUPREME #500B)
4794-L CHUCK KEY (JACOBS #32)

21825 SPINDLE (1/2"-20 THD.)

20405 #5-40x1/4" TERM. SCR. (4)
1991 #LOCKWASHER (4)
Ø 14818 SWITCH
626 #8-32x3/8" RD. HD. SCR. & W. (2)
21246 NEEDLE BEARING
700735 DOWEL PIN
51407 FIBER WASHER
51405 1ST INTER. GEAR ASSEM.
49082 1ST INTER. GEAR
51401 1ST INTER. PINION
51407 FIBER WASHER
51407 FIBER WASHER
21246 NEEDLE BEARING
51406 2ND INTER. GEAR ASSEM.
21822 2ND INTER. GEAR
51402 2ND INTER. PINION
51407 FIBER WASHER
21246 NEEDLE BEARING
21830 BALL BEARING

Ø NOTES

14818 (SW.) INCL. 20405 (4)
21849 (SPHDL.) INCLUDES 3041 (2) & 14210
26175 (SW. HDLE.) INCL. 2541-01 (2) & 3618
51403-01 (G.C.) INCLUDES 21246 (2) & 51408-01
51404 (G.C.C.) INCL. 21246 (2), 21831, 51409 & 700735
LUBRICATION - 5 OZ. HEAVY DUTY GREASE, ML54-I

PARTS NOT SHOWN

9842 1/4"-28x1 1/4" F.H. SCREW (2) (G.C.)
9911 1/4"-28x2 1/2" F.H. SCREW (2) (G.C.)
416 1/4" LOCKWASHER (4) (FOR 9911 & 9842)
36653 CONNECTION DIAGRAM

CAT. NO. 6047

TYPE A

1/2" HEAVY-DUTY DRILL

VOLTS 120 AC-DC • AMPS 5.5 • RPM 450

ADAPTED TO NO. 40 DRILL STAND

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND

MADE IN U.S.A.

J.B.S.

D

BULLETIN NO. 2730

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY-REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.

MARKER ON REVERSE SWITCH RING

MUST BE ASSEMBLED ON THE SAME SIDE OF THE FIELD CASE AS THE NAMEPLATE.

61502-02 NAMEPLATE

3041 #2 x 3/16" DRIVE SCR (2)

38201 REVERSE SWITCH RING

38208 ANTI-FRICTION RING

71165 INSULATING BUSHING (2)

12226 #6-32 HEX. NUT (2)

37914 INSULATING SPACER (2)

54565-01 SPADE HANDLE ASSEM.

5762 1/4"-28 x 1" FILL. HD. SCREW

416 1/4" LOCKWASHER

54486 ADAPTER

34993 #10-32 x 7/8" HDLESS. CUPPT. SET SCR.

54487 TOPHEAD

14201 BALL BEARING

30612 BEARING PLUG

31675 #10-32 x 5/32" SET SCREW (2)

475 3/16" STEEL BALL (2)

38769 DETENT PIN SPRING (2)

Ø 38200 FIELD CASE

5762 1/4"-28 x 1" F. HD. SCREW (4)

416 1/4" LOCKWASHER (4)

6125 #10-32 x 2-1/4" RH. SCR. & W. (2)

38223 SIDE HANDLE ADAPTER

835 SIDE HANDLE

49145-71 FIELD

37926-31 ARMATURE

38207 FAN BAFFLE PLATE

38206 FAN

Ø 38203 GEAR CASE COVER

50305 BALL BEARING

21635 NEEDLE BEARING

38198-01 GEAR CASE

55079 SPINDLE

70920 LOCK NUT

55081 SPINDLE GEAR

13851 SPINDLE GEAR KEY

38219 BEARING CAP

22502 BALL BEARING

SPECIAL PARTS FOR NO. 1405-65

45171 CHUCK (JACOB'S #37 KD)

9522-L CHUCK KEY

38481 5/16"-18 x 1-1/4" SOC. HD. SCREW

SPECIAL PARTS FOR NOS. 1405-62 & 1405-69

38792 #3 MORSE TAPER SOC. ASSEM.

38771 #3 MORSE TAPER SOCKET

38805 SCREW ADAPTER

38481 5/16"-18 x 1-1/4" SOC. HD. SCR.

38803 3/16" HEX. WRENCH

Ø NOTES

38200 (F.C.) INCLUDES 30612

38203 (G.C.) INCLUDES 21635, 38221,

830613

38532-01 (SW. HDLE. CASE)

INCL. 380 & 61367

39182 (SW. HDLE. ASSM.) INCL.

418, 626, 2379, 14818, 38532-01

14818 (SW.) INCL. 20405.

SPECIAL PARTS FOR NOS. 1405-61 & 1405-66

38790 #2 MORSE TAPER SOC. ASSEM.

38766 #2 MORSE TAPER SOCKET

38805 SCREW ADAPTER

38481 5/16"-18 x 1-1/4" SOC. HD. SCREW

38803 3/16" HEX. WRENCH

PARTS NOT SHOWN

416 1/4" LOCKWASHER (2) (ON 13800)

50169 DOWEL PIN

38237 CONNECTION DIAGRAM

26684 KEY CHAIN

9910 1/4"-28 x 1-3/4" FILL. HD. SCR. & W. (2) (G.C.)

13800 1/4"-28 x 2-3/4" FILL. HD. SCR. (2) (G.C.)

38224 CONTACT (2)

4145-01 #6 LOCKWASHER (2)

37955 #6-32 x 3/4" TERM. SCREW (2)

9842 1/4"-28 x 1-1/4" F. HD. SCREW (2)

416 1/4" LOCKWASHER (2)

CORD MANUFACTURED WITH A MOLDED ON CORD PROTECTOR. FOR SERVICE, USE:

3534 CORD PROTECTOR

3618 CORD CLAMP

1789 #8-32 x 1/2" FILL. HD. SCREW (2)

38225 CONTACT BLOCK ASSEM.

4006-01 RIVET (2)

38224 CONTACT (2)

38226 BRUSH LEAD ASSEM.

9293 BRUSH LEAD TERMINAL

33315 LEAD TERMINAL

49734 BRUSH ASSEMBLY (2)

33878 BRUSH HOLDER (2)

33880 BRUSH HOLDER CAP (2)

24323 INSULATING SHIELD (2)

70807 ATTACHMENT PLUG

66314-98 CORD & PLUG (#16-35-10FT)

61367 SWITCH HANDLE COVER

380 #8-32 x 5/8" FILL. HD. SCR. & W. (3)

626 #8-32 x 3/8" RD. HD. SCR. & W. (2)

20405 #5-40 x 1/4" TERM. SCR. (4)

1991 #6 LOCKWASHER (4)

33315 LEAD TERMINAL (4)

Ø 14818 SWITCH

2379 #8-32 x 5/16" TERM. SCR. (GRD.)

418 #8 LOCKWASHER

34289 LEAD TERMINAL

Ø 39182 SWITCH HDLE. ASSM. (LESS CORD)

Ø 38532-01 SWITCH HANDLE CASE

5762 1/4"-28 x 1" FILL. HD. SCREW (4)

416 1/4" LOCKWASHER (4)

30613 BEARING PLUG

20774-01 BALL BEARING

38280 1st INTER. GEAR & PINION ASSEM.

38210 1st INTER. GEAR

6952 1st INTER. GEAR KEY

38278 1st INTER. PINION

30090 BALL BEARING

38221 NEEDLE BEARING

38218 THRUST WASHER

55086 2nd INTER. GEAR & PINION ASSEM.

38356 2nd INTER. GEAR

6952 2nd INTER. GEAR KEY

55080 2nd INTER. PINION

8068 BALL BEARING

3/4" HEAVY-DUTY DRILL

NO. 1405-61, TYPE 1

NO. 1405-62, TYPE 1

NO. 1405-65, TYPE 1

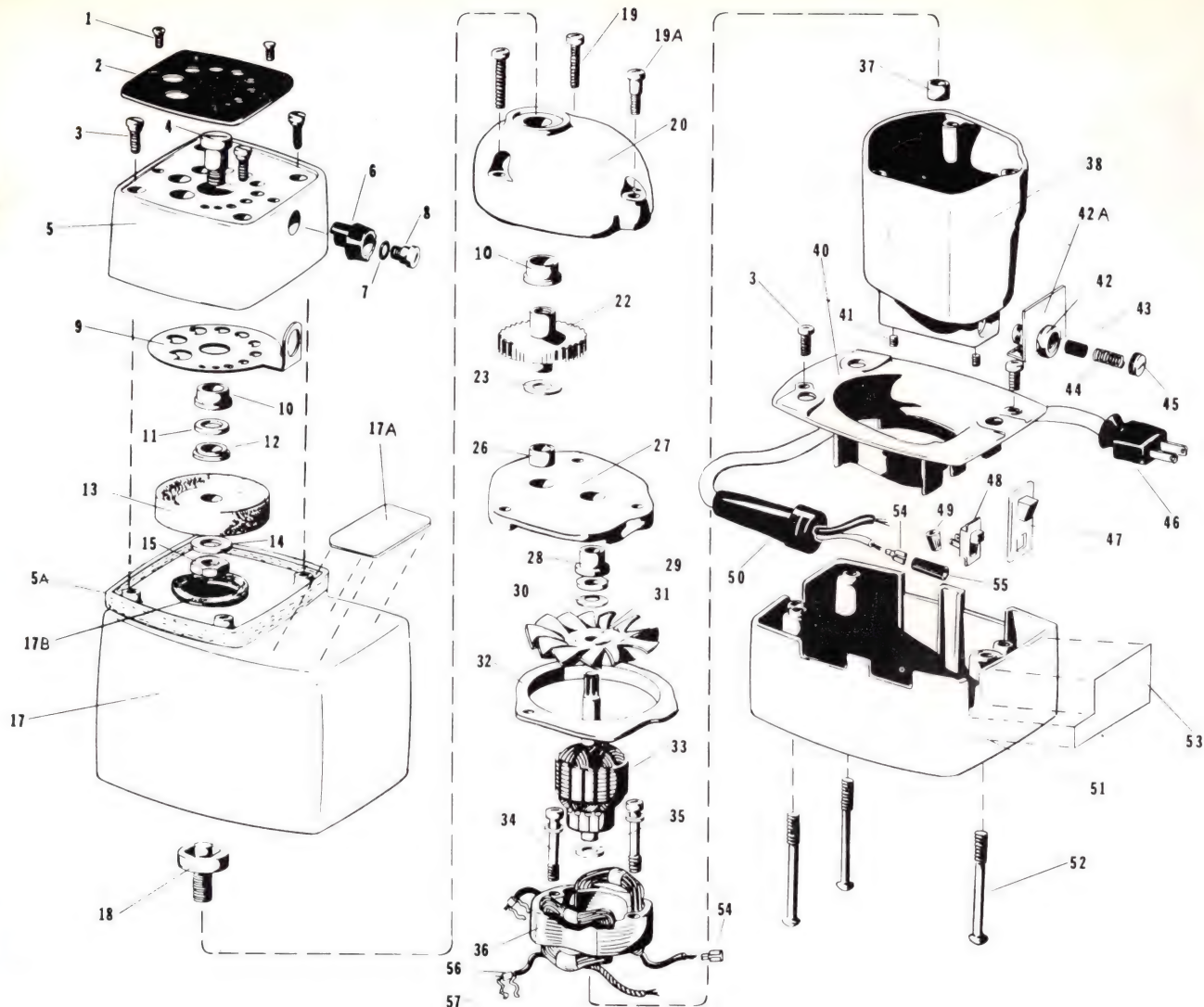
NO. 1405-66, TYPE 1

NO. 1405-69, TYPE 1

VOLTS 115 AC/DC · AMPS 10 · RPM 375

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND

MADE IN U.S.A. A.E.B. F BULLETIN NO. 8080



Item No.	Part No.	Description	Qty.
1	87557	6-32 x 3/8 Screw	2
2	72449	Top Plate	1
3	86964	8-16 x 3/4 Screw	6
4	72419	Spindle	1
5	72488	Head (Incls. #9 & #10)	1
5A	86585	Seal	1
6	72421	Adjusting Knob	1
7	34158	O-ring	1
8	72560	Shoulder Screw	1
9	72425	Index Plate	1
10	27764	Sleeve Bearing	2
11	73463	Felt Ring	1
12	73457	Spacer	1
13	72423	Grinding Wheel	1
14	53506	Flat Washer	1
15	90912	Hex Nut 7/16-20	1
17	86613-01	Upper Housing (Incls. 5A, 17A, 17B)	1
17A	86636	Instruction Label	1
17B	86586	Felt Seal	1
18	72669	Coupling	1
19	13205	8-32 x 1 1/4 FHM Screw	2
19A	378	8-32 x 1 1/4 FHM Screw	1
20	38484-11	Gear Case (Incls. #21)	1
21	27764	Sleeve Bearing	1
22	87850	Spindle and Gear	1
23	52761	Washer, Fiber	1
26	27763	Sleeve Bearing	1
27	51033	Gear Case Cover (Incls. #26 & #28)	1
28	27762-02	Sleeve Bearing	1

Item No.	Part No.	Description	Qty.
29	37414	Washer	1
30	37413	Spring Washer	1
31	71372	Fan	1
32	27767	Fan Baffle Plate	1
33	60546-31	Armature & Fan (Incl. #31)	1
34	14831-01	FHM Screw & Washer	1
35	37381	Washer	1
36	85611-71	Field (Incl. #56, #57, #54, #55)	1
37	27761-02	Sleeve Bearing	1
38	51054-05	Field Case (Incl. #37)	1
40	72466	Baffle	1
41	24857	8-32 x 3/16 Set Screw	2
42	50233	Brush Holder	2
42A	86589	Fibre Insulator	2
43	49940	Brush	2
44	50129	Brush Spring	2
45	49944	Brush Holder Cap	2
46	56499	Attachment Plug	1
47	72686	Lever	1
48	72972	Switch	1
49	32114	Wire Nut	1
50	54057-02	Cord & Plug (Incl. #46)	1
51	87635-04	Lower Housing & Nameplate	1
52	73371	#10 x 3 1/8 Self-Tap Screw	3
53	59351-01	Nameplate (Blank)	1
54	51350	Connector	2
55	73425	Heat Shrinkable Tube	1
56	50182	Brush Lead Connector	2
57	50230	Brush Lead Terminal	2

PARTS NOT SHOWN:

73121 Rubber Pad (Inside #51)
72919 Connection Diagram

LUBRICATION: 0.9 Oz. U-2194 (ML54-1), Heavy-Duty Grease



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

When servicing Double Insulated Tools, it is extremely important that ONLY IDENTICAL REPLACEMENT PARTS BE USED and that REASSEMBLY OF TOOL IS IDENTICAL TO THE ORIGINAL ASSEMBLY.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

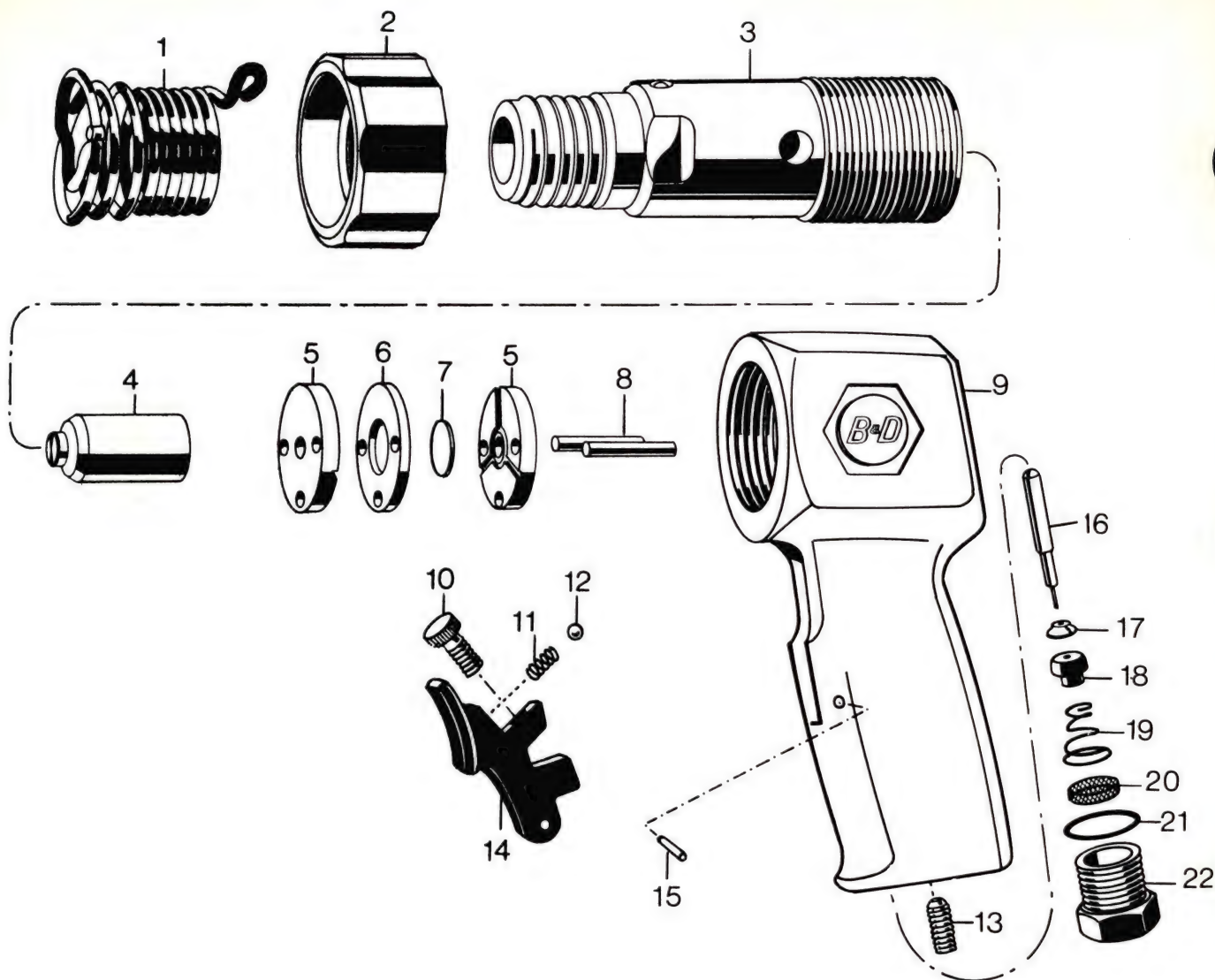
No. 6780 DOUBLE INSULATED DRILL BIT SHARPENER

Cat. No.	Volts	Type	Amps.	RPM
6780	120	2	1.9	3000

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 8121-2



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.
1	58616	Quick-Change Spring	1
2	700894	Nut (Locks barrel to housing)	1
3	67241	Barrel	1
4	700596	Piston	1
5	91058	Valve Block	2
6	700590	Spacer	1
7	700594	Valve	1
8	701070	Pin	2
9	85200	Housing & Nameplate (Incls. 10 to 22)	1
	88063-01	Nameplate	1
10	85180	Screw (Trigger Regulating)	1
11	71334	Spring	1

Index No.	Part No.	Description	Qty.
12	475	Ball (3/16)	1
13	80154	Set Screw (1/4-20 x 5/8)	1
14	71294	Trigger	1
15	99229-05	Pin	1
16	73174	Valve Stem	1
17	71283	Cap	1
18	71284	Valve	1
19	71285	Spring	1
20	54436	Screen	1
21	700245	"O" Ring	1
22	71287	Inlet Bushing (3/4-20)	1



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

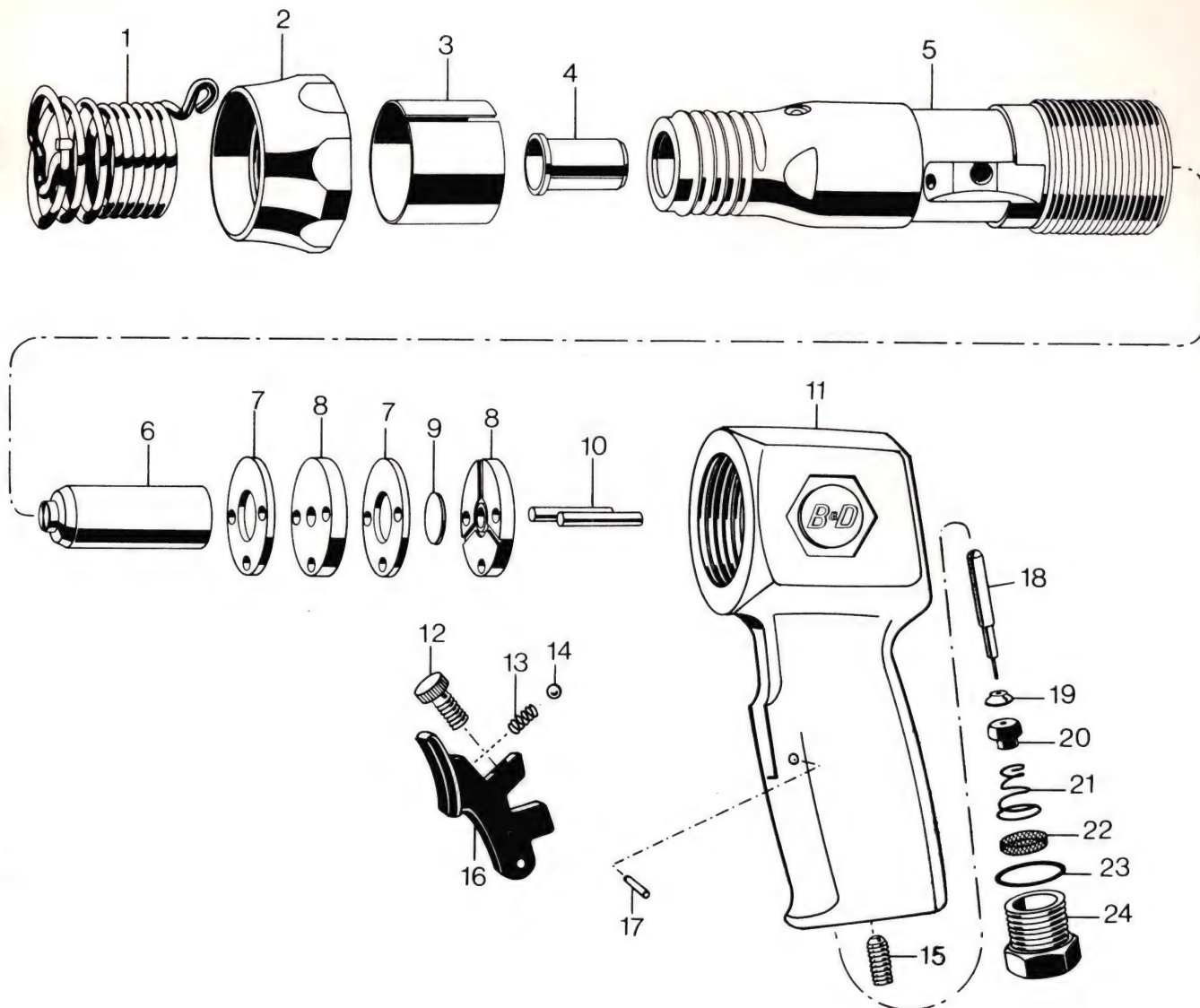
WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

POWER CHISEL

Cat. No. 6214 Type 1

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A. | BULLETIN NO. 2827-4



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.
1	58616	Quick-Change Spring	1
2	700592	Nut (Locks barrel to housing)	1
3	700663	Deflector	1
4	700644	Bushing	1
5	700641	Barrel (Incls. #4)	1
6	700643	Piston	1
7	700590	Spacer	2
8	700593	Valve Block	2
9	700594	Valve	1
10	62816	Pin	2
11	85200	Housing & Nameplate (Incls. items #12 thru #24)	1
12	85180	Screw (Trigger Regulating)	1

Index No.	Part No.	Description	Qty.
13	38769	Spring	1
14	475	Ball (3/16)	1
15	80154	Set Screw (1/4-20 x 5/8)	1
16	71294	Trigger	1
17	99229-05	Pin	1
18	73174	Valve Stem	1
19	71283	Cap	1
20	71284	Valve	1
21	71285	Spring	1
22	54436	Screen	1
23	700245	'O' Ring	1
24	71287	Inlet Bushing (3/4-20)	1



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

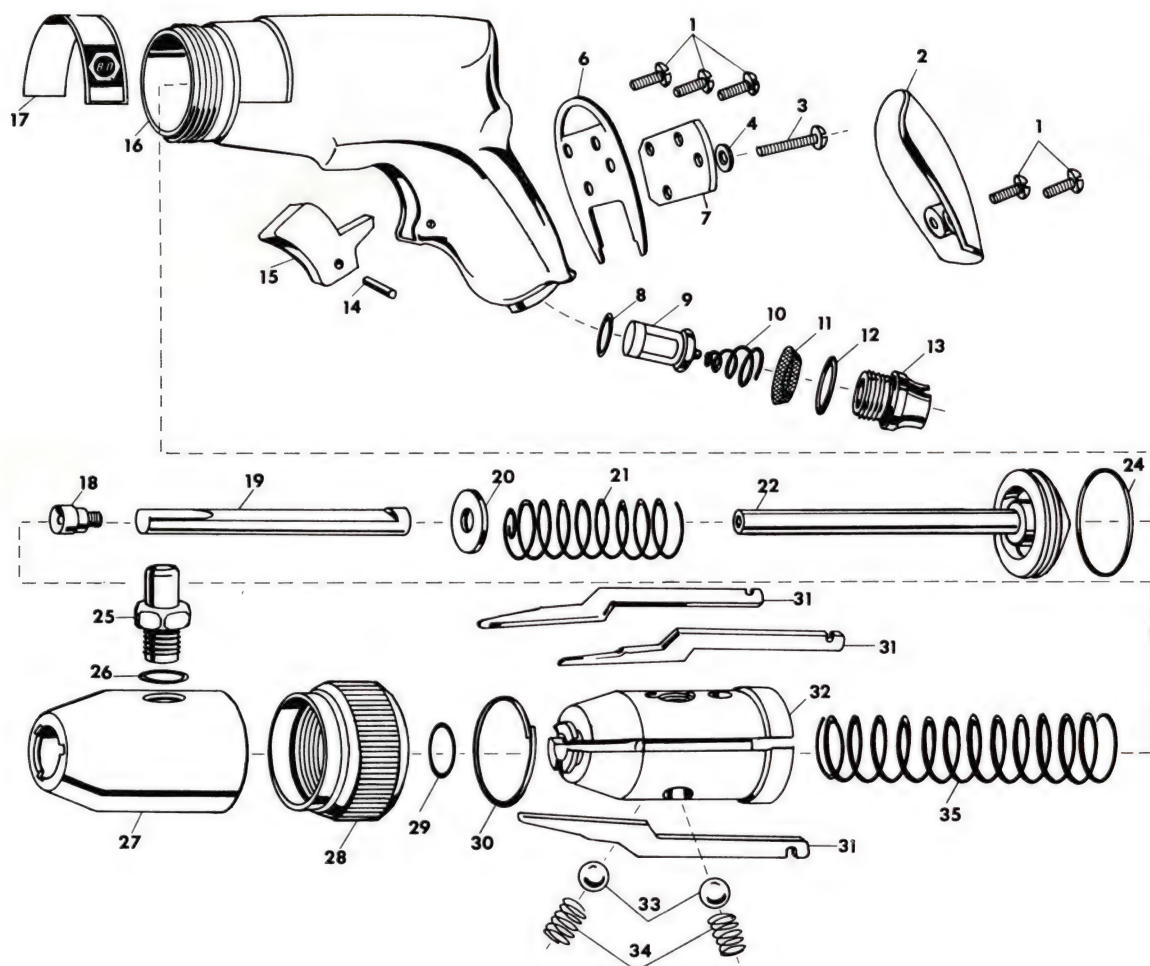
WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

POWER CHISEL
Cat. No. 6216 Type 1

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A. | BULLETIN NO. 2828-1

No. 6488 TIRE STUD GUN, Type 2

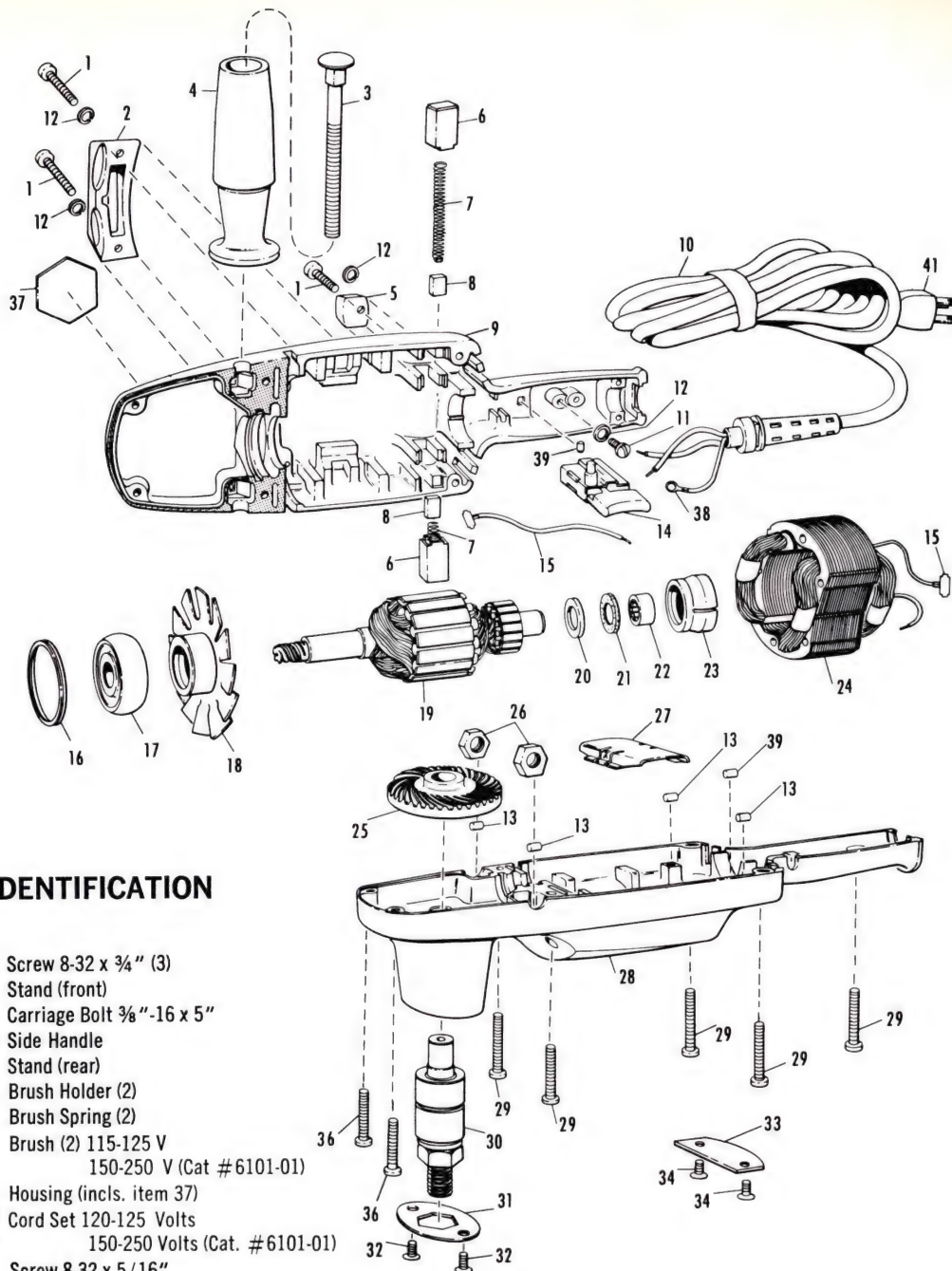


PARTS IDENTIFICATION

Index No.	Part No.	Description	Quantity	Index No.	Part No.	Description	Quantity
1	701228	Screw, 8-32 x 3/8	5	21	66233	Sleeve Spring	1
2	66245	Handle Cover	1	22	67386	Piston and Rod	1
3	71909	Screw, 8-32 x 5/8	1	24	99181-15	O-Ring	1
4	696720	Fiber Washer	1	25	66202	Feed Coupling	1
6	701247	Gasket	1	26	61145	O-Ring	1
7	701252	Plate	1	27	66201	Front Housing	1
8	34158	O-Ring	1	28	66200	Collar	1
9	66207	Valve	1	29	50049	O-Ring	1
10	701249	Valve Spring	1	30	66313	Retaining Ring	1
11	54436	Screen	1	31	69844	Finger	3
12	695606	O-Ring	1	32	66199	Barrel	1
13	69895	Inlet Bushing	1	33	51151	Ball	2
14	701250	Trigger Pin	1	34	66247	Detent Spring	2
15	701255	Trigger	1	35	99054-01	Piston Spring	1
16	67109	Rear Housing	1				
17	66225	Nameplate	1				
18	66206	Piston Tip	1				
19	66204	Piston Sleeve	1				
20	46084	Washer, 17/64 I.D.	1				

NOTE: Side Handle is standard equipment for tools only up to Serial No. 8566497. It will be available in B & D Service Centers as extra equipment service parts.

WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE UNIT, TYPE AND CATLOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.



PARTS IDENTIFICATION

- | | | | |
|-------|----------|-------------------------------------|--|
| 1 | 58230 | Screw 8-32 x 3/4" (3) | |
| 2 | 61210 | Stand (front) | |
| 3 | 52995 | Carriage Bolt 3/8"-16 x 5" | |
| 4 | 59156-03 | Side Handle | |
| 5 | 61209 | Stand (rear) | |
| 6 | 67320 | Brush Holder (2) | |
| 7 | 70077 | Brush Spring (2) | |
| 8 | 66678 | Brush (2) 115-125 V | |
| | 67331 | 150-250 V (Cat. #6101-01) | |
| 9 | 58234 | Housing (incls. item 37) | |
| 10 | 38778-98 | Cord Set 120-125 Volts | |
| | 38793-98 | 150-250 Volts (Cat. #6101-01) | |
| 11 | 2379 | Screw 8-32 x 5/16" | |
| 12 | 418 | Lockwasher #8 (4) | |
| 13 | 55050 | Rubber Plug 5/32" Dia. (4) | |
| 14 | 71881 | Switch | |
| 15 | 67530 | Lead Wire & Terminal | |
| 16 | 58202 | Quad Ring | |
| 17 | 66253 | Ball Bearing | |
| 18 | 70780 | Fan | |
| 19 | 66256-31 | Armature & Fan, 120 Volts | |
| | | (incls. item 18) | |
| | 66255-35 | 220 Volts (Cat. #6101-01) | |
| 20 | 58204 | Fiber Washer | |
| 21 | 58205 | Felt Washer | |
| 22-23 | 58902 | Bearing Retainer Assembly | |
| 22 | 58200 | Roller Bearing | |
| 23 | 58201 | Bearing Retainer | |
| 24 | 67534-71 | Field, 120 Volts | |
| | 67534-75 | 220 Volts (Cat. #6101-01) | |
| 25 | 66258 | Gear | |
| 26 | 52996 | Hex Nut 3/8-16 (2) | |
| 27 | 58217 | Field Spring | |
| 28 | 58184 | Housing Cover | |
| 29 | 99460-16 | 10-32x1" FHM SCREW & WASHER (5) | |
| 30 | 68751 | Spindle, Bearing & Nut | |
| 31 | 64547 | Bearing Cover Plate | |
| 32 | 58226 | Screw 10-32 x 3/8" (2) | |
| 33 | 72271-01 | Nameplate | |
| 34 | 58231 | Screw 6-32 x 5/16" (2) | |
| 36 | 99460-10 | 10-32 x 5/8" FHM Screw & Washer (2) | |
| 37 | 57005 | Trademark Sticker | |
| 38 | 34289 | Terminal | |
| 39 | 32731 | Rubber Plug 1/4" Dia. (2) | |
| 41 | 70807 | Attachment Plug 120-125 V | |
| | 99586-04 | Attachment Plug 150-250 V | |

PARTS NOT SHOWN

- | | |
|-------|---------------------------|
| 61829 | Backing Pad (incl. 50933) |
| 50933 | Clamp Washer |
| 58215 | Connection Diagram |
| 61907 | Phenolic Disc |

LUBRICATION—After each disassembly, add sufficient grease to half fill gear cavity, or wipe out old grease and half fill gear cavity and under gear with new grease. Cover gear & pinion teeth with grease. Place several drops of SAE 10 oil on felt washer (21). Use B&D H.D. Grease (Cat. #60541—1 lb.) for gears and SAE 10 oil for felt washer. Replace joint sealant disturbed during normal maintenance in shaded area. Use G.E. Versilube G-300 silicone grease or a good grade of non-hardening joint compound.

7" SANDER (A.C. only)

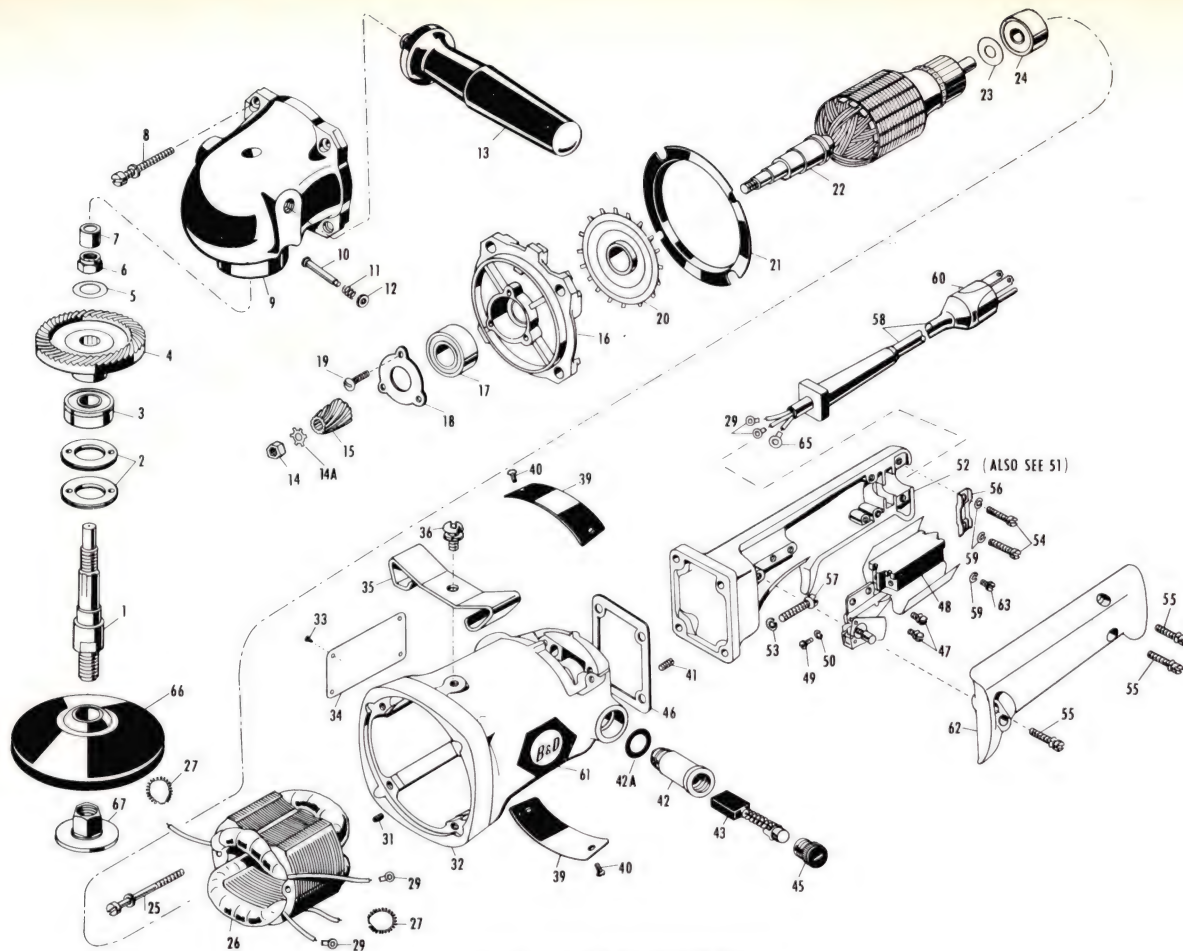
CAT. NO.	TYPE	VOLTS	AMPS.	R.P.M.
6101	A	115	7.0	4500
6101-01	A	220	3.7	4500

THE BLACK & DECKER MFG. CO.
Towson, Md. 21204

Printed in U.S.A.

Bulletin No. 2681-3

WHEN ORDERING REPLACEMENT PARTS, YOU **MUST** GIVE NAME OF UNIT, TYPE & CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER & NAME OF PART NEEDED.



PARTS DESCRIPTION

Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.
1	56897	Spindle	1	40	36285	10-32 x 7/16 O.H.M. Screw	4
2 Ø	14813	Locking Screw	2	41	376	10-32 x 3/8 SI. H. Set Screw	2
3	22503	Ball Bearing	1	42	33183	Brush Holder	2
4	56899	Gear	1	42A	33419	Insulator Washer	2
5	5871	Washer	1	43	32876	Brush Assembly, 120V	2
6 Ø	56902	7/16-20 Lock Nut	1	45	6668	Brush Holder Plug	2
7	21635	Needle Bearing	1	46	25989	Heat Insulator	1
8	9910	1/4-28 x 1 3/4 Fill. Hd. M.Screw and Lockwasher	4	47	626	8-32 x 3/8 R.H.M.S. & Washer	2
9	56900	Gear Case & Lock Pin (Incls. items 7, 10, 11, 12)	1	48	38552	Switch (Incls. item 49)	1
10	54874	Lock Pin	1	49	4230-01	6-32 x 1/4 Terminal Screw	4
11	37373	Spring	1	50	4145-01	#6 Lockwasher	4
12	33198	Washer	1	51	86972	Switch Handle (Incls. Items 47, 48, 49, 50, 52, 54, 55, 56, 59, 62, 63)	1
13	60699	Side Handle & Bolt	1	52	86971	Switch Handle (Incl. 55, 62)	1
14 Ø	24926	1/4-28 Lock Nut	1	53	416	1/4" Lockwasher	4
14A	26735	Star Washer	1	54	1789	8-32 x 1/2 Fill. H.M. Screw	2
15	56896	Armature Pinion	1	55	380	8-32 x 5/8 Fill. H.M. Screw	3
16	36234	Gear Case Cover	1	56	3618	Cord Clamp	1
17 Ø	38502	Ball Bearing	1	57	12601	1/4-28 x 7/8 Fill. H.M. Screw	4
18	38053	Bearing Plate	1	58	46325-98	Cord & Plug, 115-125 Volts (16-3S, 10 ft.)	1
19	3596	8-32 x 3/8 R.H.M. Screw & Washer	3	59	418	#8 Lockwasher	3
20	36235	Fan	1	60	70807	Attachment Plug, 115-125 Volts	1
21	36284	Fan Baffle	1	61	70812	Hex Sticker	1
22	60653-31	Armature-120 Volts	1	62	61367	Switch Handle Cover	1
23 Ø	36399	Bearing Seal Washer	1	63	2379	8-32 x 5/16 Terminal Screw	1
24 Ø	19738	Ball Bearing	1	65	34289	Lead Terminal	1
25	12158	10-32 x 2 F.H.M. Screw & W.	2	66	61829	3 1/2 Backing Pad (Incls. item 67)	1
26	60651-71	Field-120 Volts	1	67	50933	Clamp Washer	1
27	3353	Terminal Spring	2				
29	33315	Lead Terminal	4				
31	30612	Bearing Plug	1				
32	72296	Field Case (Incls. item 31)	1				
33	3041	#2 x 3/16 Drive Screws	4				
34	72408-01	Name Plate	1				
35	22411	Stand (Incls. item 36)	1				
36	48758	5/16-18 x 16 R.H.M. Screw & Washer	1				
39	36286	Brush Cover	2				

PARTS NOT SHOWN

86975	Connection Diagram	1
61907	7" Phenolic Disc	1
61908	9" Phenolic Disc	1

Ø NOTES

- 2 & 6 Torque to 20-25 ft. lbs.
- 14 Torque to 6-8 ft. lbs. Back off 1/6 of a turn to nearest flat.
- 17 Bearing inset to face gear.
- 23 & 24 Press bearing on shaft, seating against seal washer. Do not cup seal washer.

LUBRICATION—6 oz. Heavy-duty Grease ML54-1



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

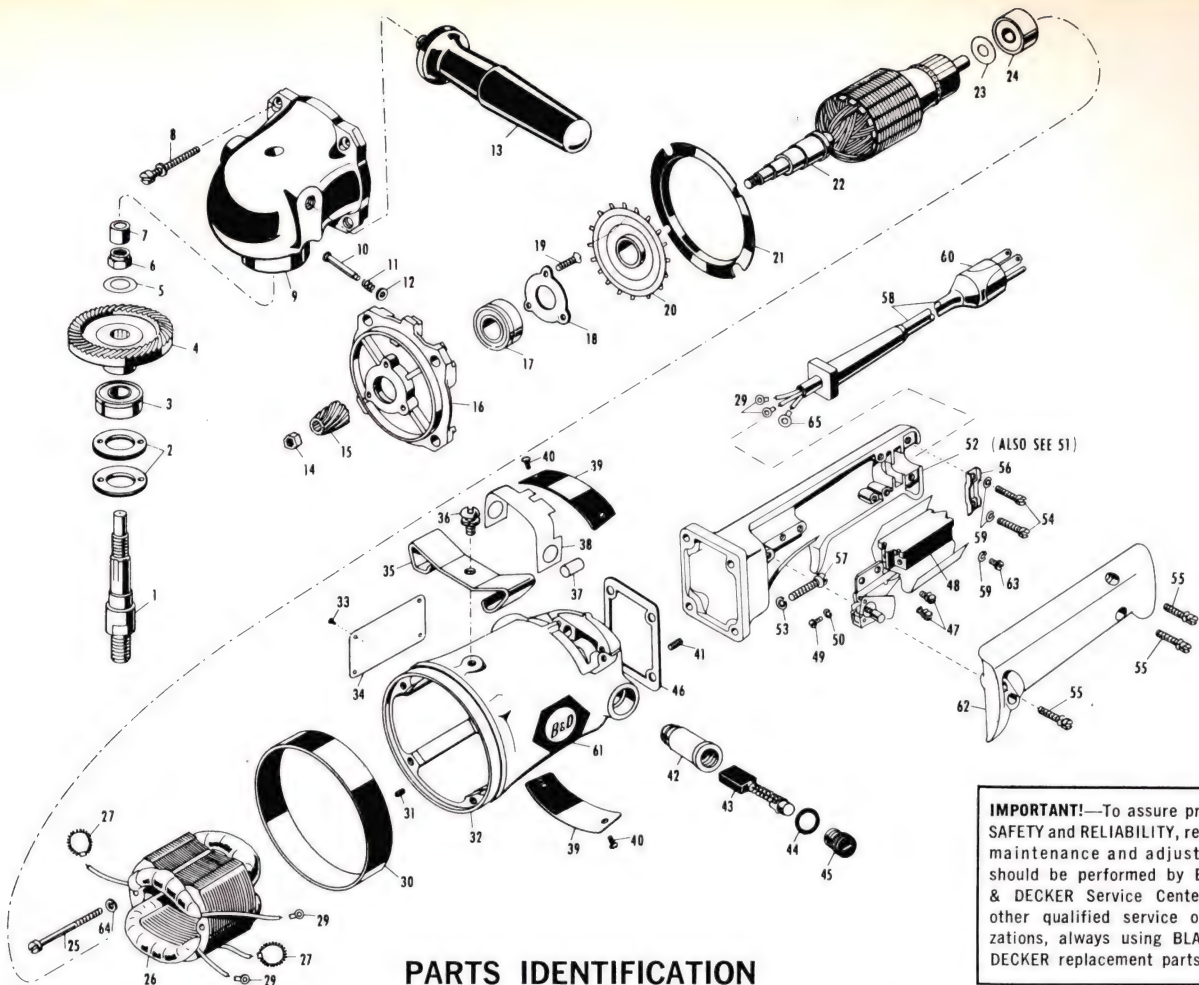
WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

7" HEAVY-DUTY SANDER

Cat. No.	Volts	Type	Amps.	RPM
6102	120	2	8.5	4250

The Black & Decker Mfg. Co.
Towson, Maryland 21204

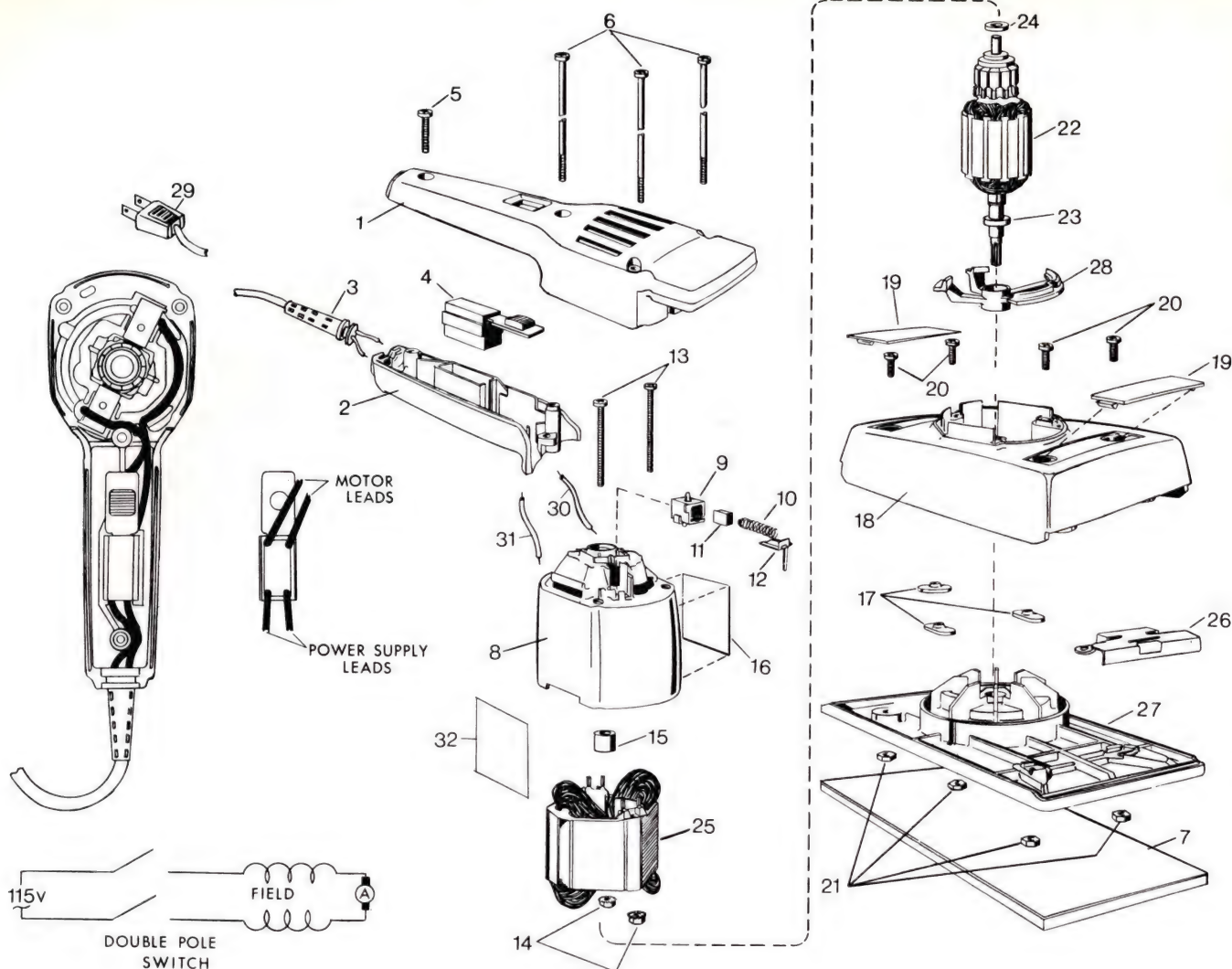
Printed in U.S.A. **BULLETIN NO. 2992**



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

PARTS IDENTIFICATION

Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.																														
1	62299	Spindle	1	86970-75		Field-220 Volts (For Cat.		59	418	#8 Lockwasher	3																														
2	15782	Locking Screw	2			Nos. 6105-01, 6106-01)	1	60	99586-01	Attachment Plug, 120 Volts	1																														
3	50706	Ball Bearing	1	27	9293	Terminal Spring	2		99586-04	Attachment Plug, 220 Volts	1																														
4	62280	Gear-5000 RPM (For Cat.		29	33315	Lead Terminal	4	61	70812	Hex Sticker	1																														
		Nos. 6105, 6105-01)	1	30	72999	Wear Ring	1	62	61367	Switch Handle Cover	1																														
	62282	Gear-6000 RPM (For Cat.		31	30612	Bearing Plug	1	63	2379	8-32 x 5/16 Terminal Screw	1																														
		Nos. 6106, 6106-01)	1	32	71839	Field Case (Incls. item 31)	1	64	417	#10 Lockwasher	2																														
5	5871	Washer	1	33	3041	#2 x 3/16 Drive Screws	4	65	34289	Lead Terminal	1																														
6	56902-01	7/16-20 Lock Nut	1	34	72196	Name Plate	1	PARTS NOT SHOWN:																																	
7	21635	Needle Bearing	1	35	22411	Stand (Incls. item 36)	1																																		
8	9910	1/4-28 x 1 1/4 Fill. Hd. M.Screw		36	48758	5/16-18 x 9/16 R.H.M. Screw		86974		Connection Diagram	1																														
		and Lockwasher	4			& Washer	1	NOTES																																	
9	50279-04	Gear Case & Lock Pin (Incls.		37	85485	Insulating Bushing	2	3	Assemble bearing with circumferential groove																																
		items 10, 11, 12)	1	38	38018	Brush & Commutator Shield	1		or etched race face toward gear.																																
10	54874	Lock Pin	1	39	36263	Brush Cover	2	6	Torque to 30-35 ft. lbs.																																
11	37373	Spring	1	40	36285	10-32 x 7/16 O.H.M. Screw	4	14	Torque to 90-110 inch lbs.																																
12	33198	Washer	1	41	376	10-32 x 3/8 Sl. H. Set Screw	2	17	Assemble bearing with circumferential groove																																
13	60699	Side Handle & Bolt	1	42	38054	Brush Holder	2		or etched race face toward gear.																																
14	24926-01	1/4-28 Lock Nut	1	43	49734	Brush Assembly	2	24	Assemble with flush side toward commutator																																
15	62279	Armature Pinion-5000 RPM		44	54906	Dust Shield	2	LUBRICATION — 6 oz. Heavy-duty Grease ML54-1																																	
		For Cat. Nos. 6105,		45	45167	Brush Holder Plug	2	WHEN ORDERING REPLACEMENT PARTS YOU MUST																																	
		6105-01)	1	46	25989	Heat Insulator	1	GIVE UNIT, TYPE AND CATALOG NUMBER AS																																	
	62281	Armature Pinion-6000 RPM		47	626	8-32 x 3/8 R.H.M. Screw		SHOWN ON NAMEPLATE, PLUS PART NUMBER AND																																	
		(For Cat. Nos. 6106,				& Washer	2	NAME OF PART NEEDED.																																	
		6106-01)	1	48	38552	Switch (Incls. item 49)	1	<table><tr><th colspan="5">7" HEAVY-DUTY SANDER</th></tr><tr><th>Cat. No.</th><th>Volts</th><th>Type</th><th>Amps</th><th>RPM</th></tr><tr><td>6105</td><td>120</td><td>2</td><td>13.0</td><td>5000</td></tr><tr><td>6105-01</td><td>220</td><td>2</td><td>6.8</td><td>5000</td></tr><tr><td>6106</td><td>120</td><td>2</td><td>13.0</td><td>6000</td></tr><tr><td>6106-01</td><td>220</td><td>2</td><td>6.8</td><td>6000</td></tr></table>				7" HEAVY-DUTY SANDER					Cat. No.	Volts	Type	Amps	RPM	6105	120	2	13.0	5000	6105-01	220	2	6.8	5000	6106	120	2	13.0	6000	6106-01	220	2	6.8	6000
7" HEAVY-DUTY SANDER																																									
Cat. No.	Volts	Type	Amps	RPM																																					
6105	120	2	13.0	5000																																					
6105-01	220	2	6.8	5000																																					
6106	120	2	13.0	6000																																					
6106-01	220	2	6.8	6000																																					
16	50241	Gear Case Cover	1	49	4230-01	6-32 x 1/4 Terminal Screw	4																																		
17	50271	Ball Bearing	1	50	4145-01	#6 Lockwasher	4																																		
18	50248	Bearing Plate	1	51	86972	Switch Handle (Incls. Items																																			
19	50303	8-32 x 1/2 F.H. Nylok Screw	3			47, 48, 49, 50, 52, 54,																																			
20	62272	Fan	1			55, 56, 59, 62, 63)	1																																		
21	50247	Fan Baffle	1	52	86971	Switch Handle (Incl. 55, 62)	1																																		
22	62620-31	Armature-120 Volts (For		53	416	1/4" Lockwasher	4																																		
		Cat. No. 6105, 6106)	1	54	1789	8-32 x 1/2 Fill. H.M. Screw	2																																		
	62620-35	Armature-220 Volts (For		55	380	8-32 x 5/8 Fill. H.M. Screw	3																																		
		Cat. Nos. 6105-01,		56	3618	Cord Clamp	1																																		
		6106-01)	1	57	12601	1/4-28 x 7/8 Fill. H.M. Screw	4																																		
23	36390	Bearing Seal Washer	1	58	66314-98	Cord & Plug, 120 Volts																																			
24	14201	Ball Bearing	1			(16-3S, 10 ft.) (For Cat.																																			
25	373	10-32 x 2 1/2 F.H.M. Screw	2			Nos. 6105, 6106)	1																																		
26	86970-71	Field-120 Volts (For Cat.			66315-98	Cord & Plug, 220 Volts																																			
		Nos. 6105, 6106)	1			(16-3S, 10 ft.) (For Cat. Nos.																																			
						6105-01, 6106-01)	1																																		



Index No.	Part No.	Description	Qty.
1	86343	Handle	1
2	86344	Switch Housing	1
3	90678-03	Cord & Plug (Incls. 29)	1
4	86345-01	Switch	1
Ø 5	86964	8-16 x ¾ Thread Form Scr.	1
Ø 6	85948-06	8-32 x 4½ Phil. Pozi-Dr. Scr.	3
Ø 7	86363	Pad	1
8	85928-02	Field Case (Incls. 15, 16)	1
9	85941	Brush Holder	2
10	85943	Brush Spring	2
11	85944	Brush	2
Ø 12	85942	Brush Plate	2
Ø 13	99275-36	6-32 x 2¼ Phil. Pozi-Dr. Scr.	2
14	86346	6-32 KEPS Nut	2
15	85931	Sleeve Bearing	1
16	57206-01	Nameplate	1
17	86349	Weld Nut	3
18	86350	Lower Housing	1
19	86351	Cover Plate	2
Ø 20	99276-07	8-32 x 7/16 Phil. Pozi-Dr. Scr.	4
21	81952	8-32 Hex Nut	4

Index No.	Part No.	Description	Qty.
22	86352-31	Armature (Incls. 23)	1
23	89337	Nylon Washer	1
24	37381	Fibre Washer	1
Ø 25	88802-71	Field (Incls. Motor Leads)	1
26	86362	Paper Clamp	2
27	86357	Base Plate, Bearing & Fan	1
28	86356-02	Sleeve Bearing & Support	1
29	99586-02	Attachment Plug	1
30	86347	Red Lead Wire	1
31	85905	White Lead Wire	1
32	92218	Identification Label	1

NOTES

- 5, 6, 13, 20 Hand tighten screws, Overtightening may damage housing.
- 7 Make sure Base Plate is clean and dry before attaching pad.
- 12 Make sure brush plate terminal fits into receptacle in field.
- 25 Do not remove leads from fields when servicing.



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

When servicing Double Insulated Tools, it is extremely important that ONLY IDENTICAL REPLACEMENT PARTS BE USED and that REASSEMBLY OF TOOL IS IDENTICAL TO THE ORIGINAL ASSEMBLY.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

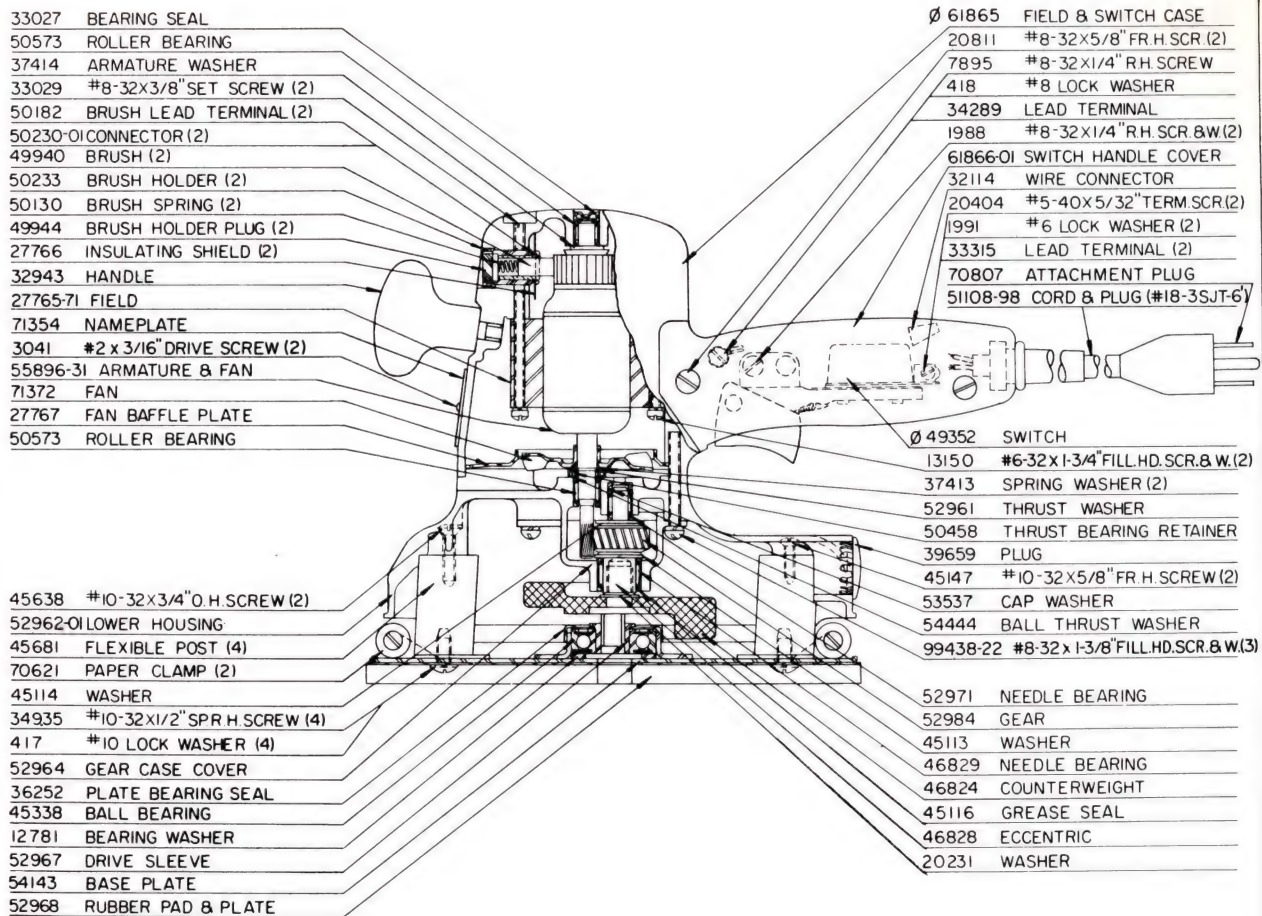
No. 6114 DOUBLE INSULATED FINISHING SANDER

Cat. No.	Volts	Type	Amps.	OPM
6114	120	1	1.5	10000

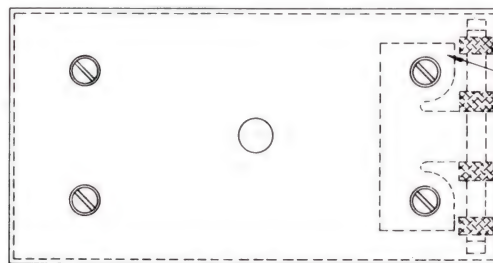
The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 8258

PARTS NOT SHOWN

45189 KEY
 51866 CONNECTION DIAGRAM
 1 SHEET OF #100 GRIT ABRASIVE
 PAPER FOR REPLACEMENT -
 SEE "EXTRA EQUIPMENT"



70621 PAPER CLAMP (2)
 45108 BRACKET (2)

NOTES

49352 (SW.) INCLUDES 20404 (2).
 61865 (F.&S.C.) INCLUDES 20811 (2) & 61866-01.
 LUBRICATION, 3/16 OZ. HEAVY DUTY GREASE ML54-I.

EXTRA EQUIPMENT

U-1413 #60 GRIT ABRASIVE PAPER (6 SHEETS)
 U-1414 #100 GRIT ABRASIVE PAPER (6 SHEETS)
 U-1415 #150 GRIT ABRASIVE PAPER (6 SHEETS)
 U-1405 ABRASIVE SHEET ASSORTMENT

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.

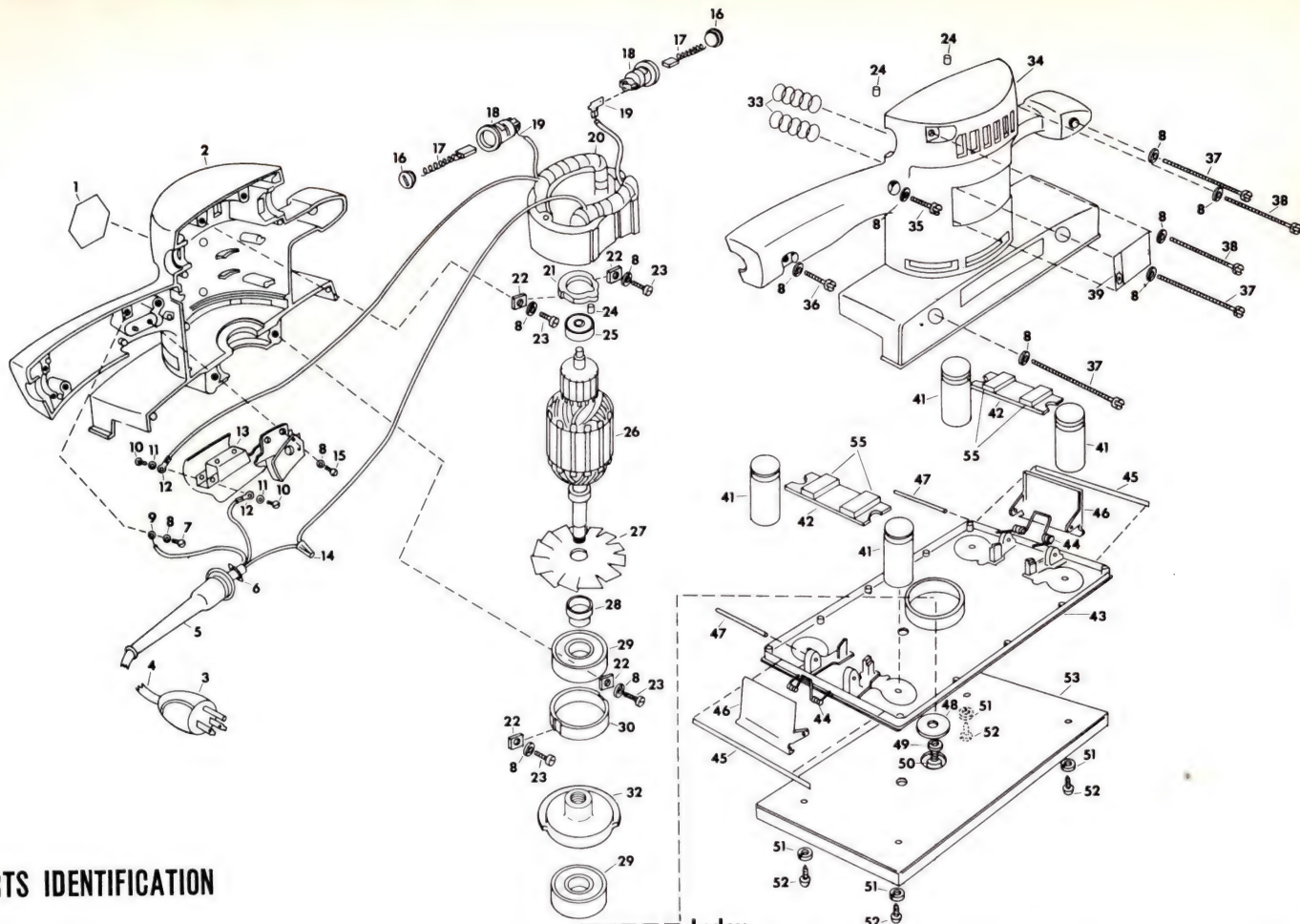
NO. 6120

TYPE A

H.D. FINISHING SANDER
 (PAPER SIZE 3-2/3" x 9")

VOLTS 120 AC-DC AMPS 2.3 O.P.M. 4300

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND
 MADE IN U.S.A. J.B.S. F BULLETIN NO. 2854-I



PARTS IDENTIFICATION

Index No.	Part No.	Part Description	Quantity
1	57005	ident sticker	1
2	61037	motor housing	1
3	70807	attach. plug (120)	1
4	36480-98	cord & plug (includes item 3) (120V)	1
5	24288	cord protector	1
6	8033	cord clamp	1
7	7895	No. 8-32x1/4 RH screw	1
8	418	No. 8 lockwasher	12
9	34289	lead terminal	1
10	20404	No. 5-40x5/32 term. screw	2
11	1991	No. 6 lockwasher	2
12	33315	lead terminal	2
13	49352	switch	1
14	32114	wire connector	1
15	1988	No. 8-32x1/4 RH screw	1
16	46210	br. hold plug	2
17	46211	brush assembly	2
18	61208	brush holder	2
19	46212-01	lead terminal	2
20	59320-71	field (120V)	1
21	61138	bearing retainer	1
22	61137	clamp	4
23	1789	No. 8-32x1/2 FH screw	4
24	30611	rubber plug	3
25	67140	ball bearing	1
26	66626-31	armature (120V)	1
27	58814	fan	1
28	58876	spacer	1
29	54301	ball bearing	2
30	61139	bearing retainer	1
32	66624	eccentric	1
33	61140	spring	2

Index No.	Part No.	Part Description	Quantity
34	69197	cover housing (incl. 39)	1
35	379	No. 8-32x3/4 FH screw & w	1
36	640	No. 32x1 FH screw	1
37	99410-38	No. 8-32x2-3/8 FH screw	3
38	65393	No. 8-32x2-1/8 FH screw	2
39	57206-01	nameplate	1
41	66181	flexible post	4
42	65427	post spacer; includes item 55 (2)	2
43	58871	base plate (includes 44, 45, 46, 47)	1
44	72056	spring	2
45	58897	bumper	2
46	58815	clamp	2
47	67374	roll pin	2
48	59267-01	washer	1
49	416	1/4 lockwasher	1
50	10584	1/4-28x3/8 RH screw	1
51	417	No. 10 lockwasher	4
52	34935	No. 10-32x1/2 screw	4
53	59998	base plate & pad	1
55	66178	damper pad	4

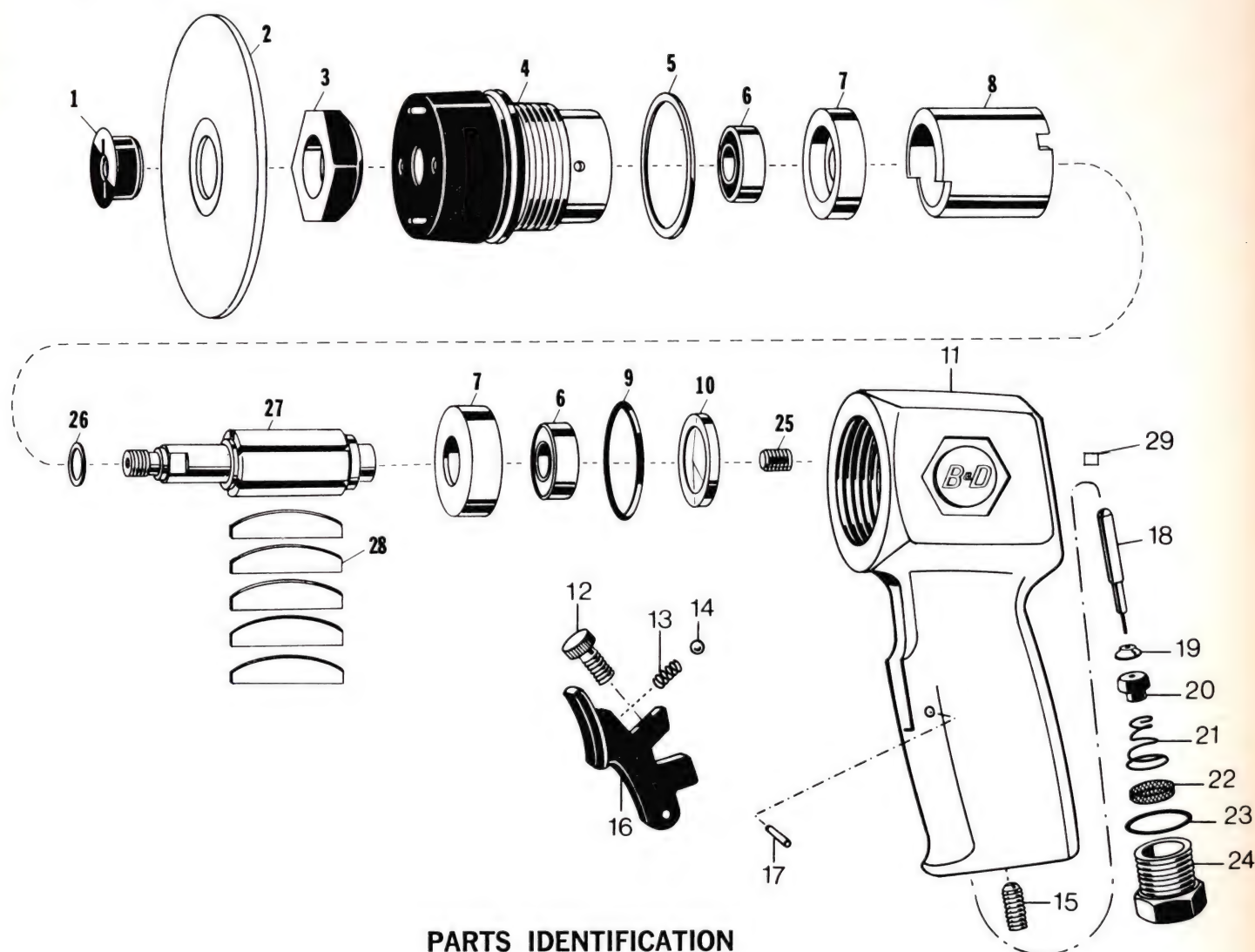
Parts Not Shown —

59633

connection diagram (120V)

FINISHING SANDER TYPE A CAT. NO. 6122 120 VOLTS 3.0 AMPS. 9000 O.P.M.	
THE BLACK & DECKER MFG. CO. Towson, Md. 21204	
Printed in Canada	Bulletin No. 8029

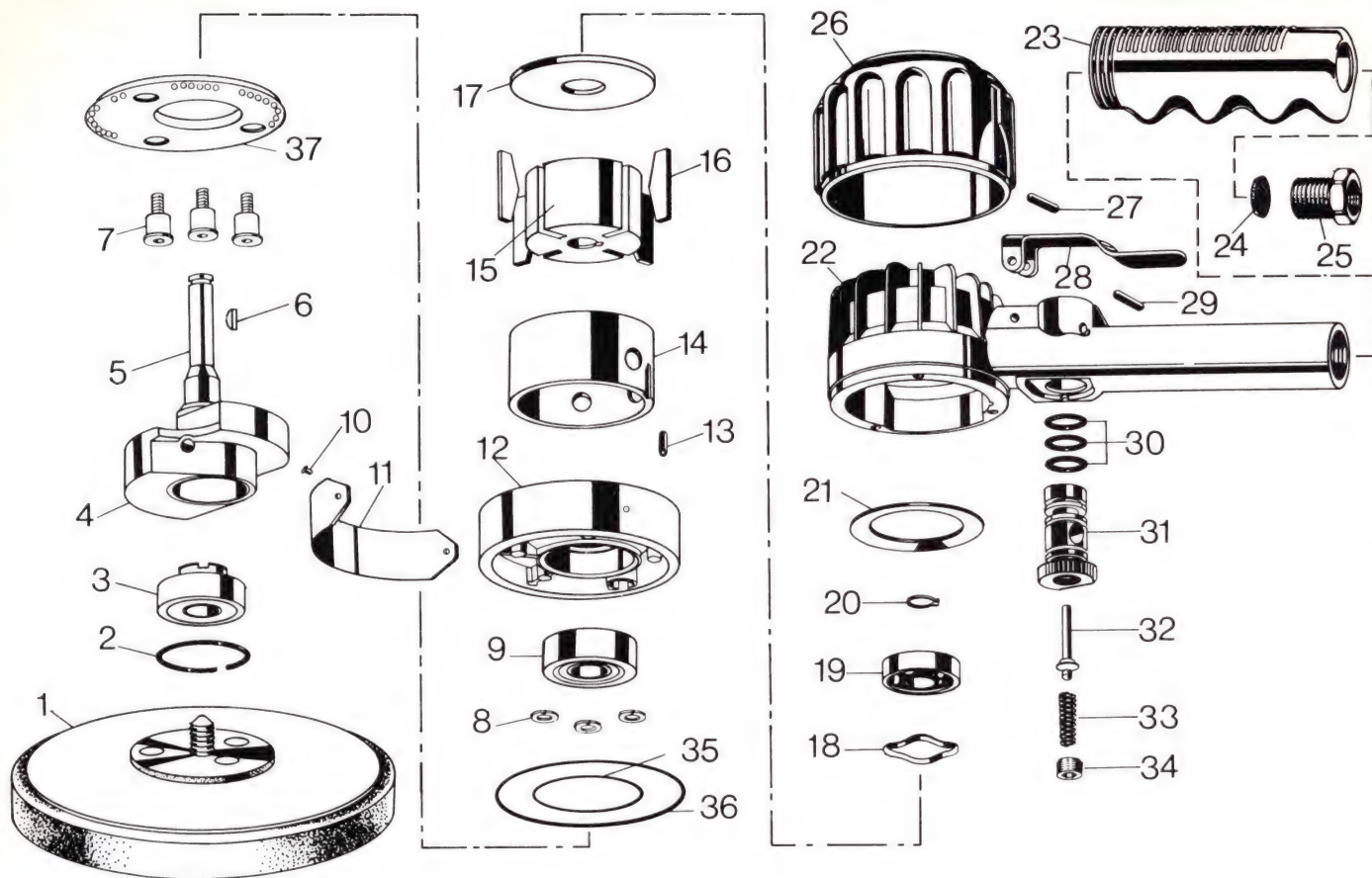
WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	68254	Disc Nut	1	16	71294	Trigger	1
2	61589	Backing Disc	1	17	99229-05	Pin	1
3	71541	Disc Back-up	1	18	73174	Valve Stem	1
4	91575	Motor Sleeve	1	19	71283	Cap	1
5	68162	Housing Gasket	1	20	71284	Valve	1
6	55469	Ball Bearing	2	21	71285	Spring	1
7	68149	End Plate	2	22	54436	Screen	1
8	68151	Liner	1	23	700245	"O" Ring	1
9	56121	"O" Ring	1	24	71287	Inlet Bushing (3/4-20)	1
10	68157	Adjusting Plate	1	25	73967	Set Screw	1
11	73886-01	Housing & Nameplate	1	26	68156	Adjusting Gasket	1
12	85180	Screw (Trigger Regulating)	1	27	71605	Rotor	1
13	71334	Spring	1	28	71976	Rotor Blades	5
14	475	Ball (3/16)	1	29	72412	Rubber Plug	1
15	80154	Set Screw (1/4-20 x 5/8)	1				
				PARTS NOT SHOWN:			
					73875	Nameplate	1

WHEN ORDERING REPLACEMENT PARTS, YOU **MUST** GIVE CAT. NO. & NAME OF UNIT, TYPE & CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER & NAME OF PART NEEDED.



PARTS IDENTIFICATION

Index No.	Part No.	Index No.	Part No.
1	Pad Assembly 6"	19	Ball Bearing (Shield Up)
2	Snap Ring	20	Retainer Ring
3	Shaft & Bearing	21	Spring
4	Shaft & Counterbal. (Incl. Item #5)	22	Motor Housing
5	Shaft	23	Grip
6	Key	24	Screen
*7	Soc. Hd. Screw	*25	Inlet Bushing
8	Lockwasher (3)	26	Motor Housing Cover
9	Ball Bearing (Shield Down)	27	Pin
10	Drive Screw (2)	28	Lever
11	Nameplate	29	Pin
12	Bottom End Plate	30	"O" Ring (3)
13	Pin	31	Regulator
14	Liner	32	Valve Assembly
15	Rotor	33	Spring
16	Rotor Blade (4)	34	Plug
17	Top End Plate	35	"O" Ring
18	Washer	36	"O" Ring
		37	Baffle Plate

* NOTES:

- 7 Torque 30 to 40 inch lbs.
25 Torque 30 to 35 ft. lbs.



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

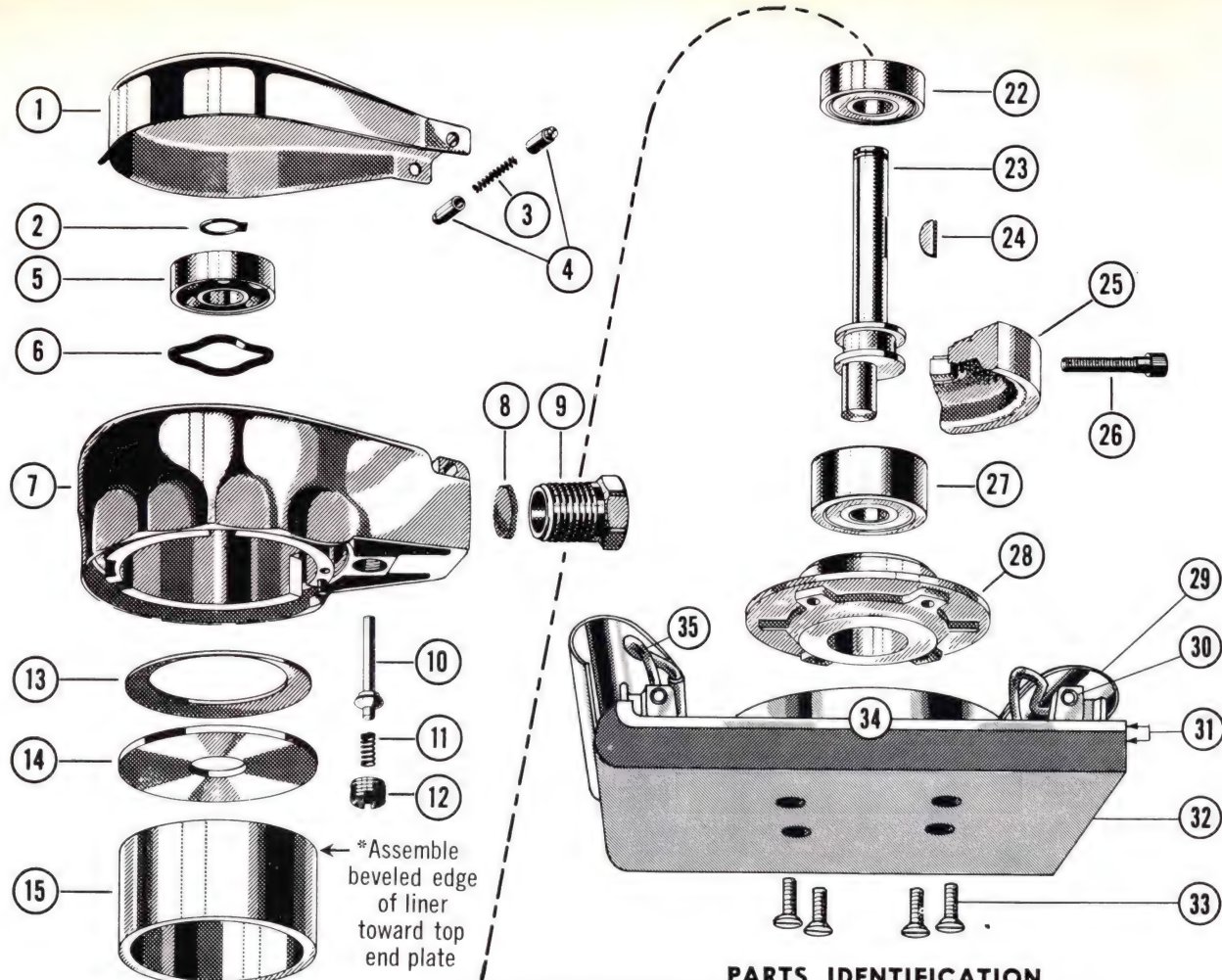
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**RANDOM ORBIT
FINISHING SANDER
Cat. No. 6173 Type 3**

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 7093-1



PARTS IDENTIFICATION

Index No.	Description	Catalog No.	Index No.	Description	Catalog No.
1	THROTTLE PAD	700523	26	SCREW 8-32x1" Soc. Hd. Cap Screw	700531
2	RETAINER RING	700533	27	BEARING, Ball	700527
3	SPRING	700545	28	BEARING PLATE	700524
4	PIN (2)	700538	29	CLAMP (2)	67794
5	BEARING, Ball	700534	30	ROLL PIN (4)	67845
6	WASHER	700528	31	PLATEN, Complete Includes: 700537 Pad	700684
7	HOUSING	700675 01	32	PAD	700537
8	SCREEN	54436	33	SCREW, 8-32x3/8" Flat Hd. Mach.	700532
9	BUSHING	54569	34	PLATEN ASSY., Complete Includes: 67794 Clamp (2), 67795 Clamp Latch (2), 67845 Pin (4), 700684 Platen Complete	67793
10	1/4-28 Pipe Thread VALVE & "O" RING	700541	35	CLAMP LATCH (2) Not Shown: Nameplate Nameplate Screw (2) Trademark Sticker (Hex)	67795 71929 3041 700680
11	SPRING	54568			
12	PLUG	54567			
13	SPRING RING	700521			
14	TOP END PLATE	700518			
15	LINER	700517			
16	ROTOR BLADE (4)	700516-01			
17	ROTOR	67790			
18	PLATEN SUPPORT	700520			
19	BOTTOM END PLATE	67792			
20	LOCK WASHER (3)	36700			
21	SCREW, 8-32x1" Soc. Hd. Cap Screw (3)	700531			
22	BEARING, Ball	700534			
23	ECCENTRIC CRANK	700519			
24	KEY	450			
25	COUNTERWEIGHT	700536			

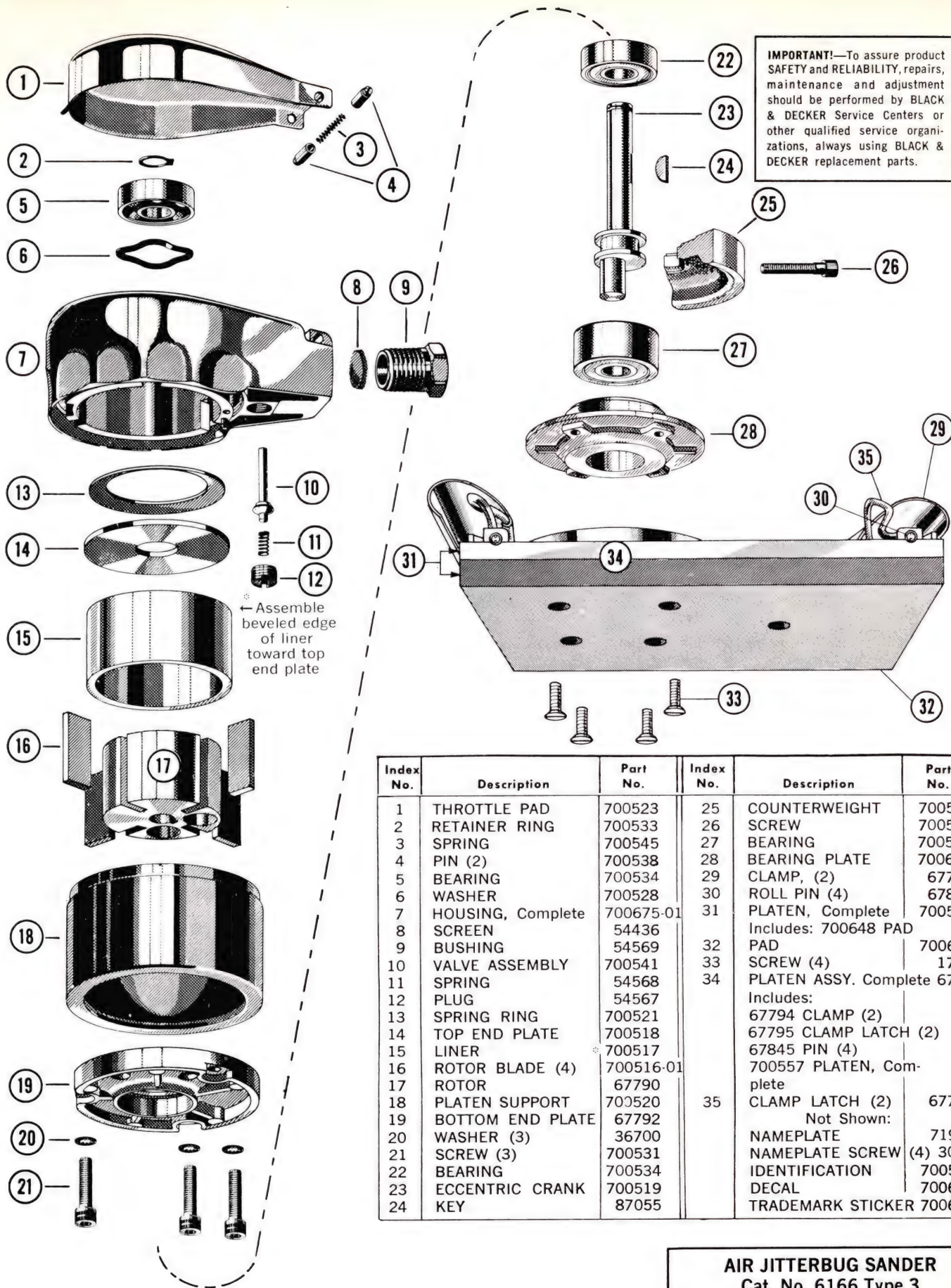
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**AIR JITTERBUG SANDER
Cat. No. 6165 Type 2**

**THE BLACK & DECKER MFG. CO.
TOWSON, MD. 21204**

Made in U.S.A. **BULLETIN NO. 2728-3**



Index No.	Description	Part No.	Index No.	Description	Part No.
1	THROTTLE PAD	700523	25	COUNTERWEIGHT	700536
2	RETAINER RING	700533	26	SCREW	700531
3	SPRING	700545	27	BEARING	700527
4	PIN (2)	700538	28	BEARING PLATE	700651
5	BEARING	700534	29	CLAMP, (2)	67794
6	WASHER	700528	30	ROLL PIN (4)	67845
7	HOUSING, Complete	700675-01	31	PLATEN, Complete	700557
8	SCREEN	54436		Includes: 700648 PAD	
9	BUSHING	54569	32	PAD	700648
10	VALVE ASSEMBLY	700541	33	SCREW (4)	1773
11	SPRING	54568	34	PLATEN ASSY. Complete	67881
12	PLUG	54567		Includes:	
13	SPRING RING	700521		67794 CLAMP (2)	
14	TOP END PLATE	700518		67795 CLAMP LATCH (2)	
15	LINER	700517		67845 PIN (4)	
16	ROTOR BLADE (4)	700516-01		700557 PLATEN, Complete	
17	ROTOR	67790	35	CLAMP LATCH (2)	67795
18	PLATEN SUPPORT	700520		Not Shown:	
19	BOTTOM END PLATE	67792		NAMEPLATE	71929
20	WASHER (3)	36700		NAMEPLATE SCREW (4)	3041
21	SCREW (3)	700531		IDENTIFICATION	700544
22	BEARING	700534		DECAL	700611
23	ECCENTRIC CRANK	700519		TRADEMARK STICKER	700680
24	KEY	87055			

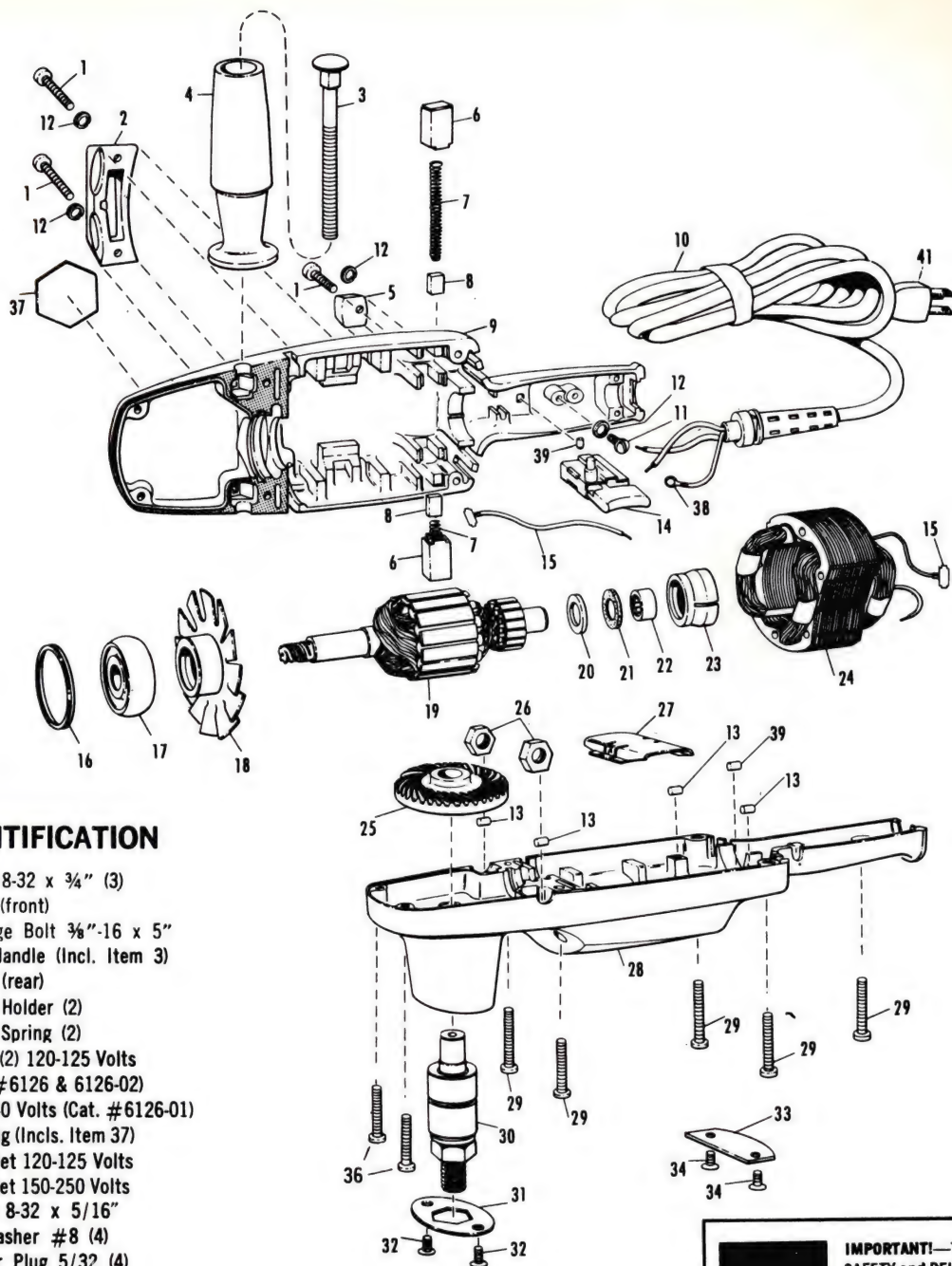
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PART NUMBER AND NAME OF PART NEEDED.

AIR JITTERBUG SANDER
Cat. No. 6166 Type 3

THE BLACK & DECKER MFG. CO.
TOWSON, MD. 21204

Made in U.S.A.

BULLETIN NO. 2729-3



PARTS IDENTIFICATION

- 1 58230 Screw 8-32 x 3/4" (3)
- 2 61210 Stand (front)
- 3 52995 Carriage Bolt 3/8"-16 x 5"
- 4 61217 Side Handle (Incl. Item 3)
- 5 61209 Stand (rear)
- 6 67320 Brush Holder (2)
- 7 70077 Brush Spring (2)
- 8 66678 Brush (2) 120-125 Volts
(Cat. #6126 & 6126-02)
- 9 67331 150-240 Volts (Cat. #6126-01)
- 10 58234 Housing (Incls. Item 37)
- 11 38778-98 Cord Set 120-125 Volts
- 12 38793-98 Cord Set 150-250 Volts
- 13 2379 Screw 8-32 x 5/16"
- 14 418 Lockwasher #8 (4)
- 15 55050 Rubber Plug 5/32 (4)
- 16 71881 Switch
- 17 67530 Lead Wire & Terminal
- 18 58202 Quad Ring
- 19 66253 Ball Bearing
- 20 70780 Fan
- 21 69361-31 Armature & Fan 120 Volts
Cat. #6126 & 992
- 22 69361-55 Armature & Fan 100 Volts
Cat. #6126-02
- 23 69362-35 Armature & Fan 220 Volts
Cat. & 6126-01 & 992
- 24 58204 Fiber Washer
- 25 58205 Felt Washer
- 26 58902 Bearing Retainer Assembly
- 27 58200 Roller Bearing
- 28 58201 Bearing Retainer
- 29 67534-71 Field 120 Volts
- 30 67534-95 100 Volts
- 31 67534-75 220 Volts
- 32 61854 Gear
- 33 52996 Hex Nut 3/8-16 (2)
- 34 58217 Field Spring

- 28 58184 Housing Cover
- 29 99460-16 Fill. Hd. Screw & Washer
10-32 x 1" (5)
- 30 68751 Spindle, Bearing & Nut
- 31 64547 Bearing Cover Plate
- 32 58226 Screw 10-32 x 3/8" (2)
- 33 58206-01 Nameplate
- 34 58231 Screw 6-32 x 5/16" (2)
- 36 99460-10 Fill. Hd. Screw & Washer
10-32 x 3/8" (2)
- 37 57005 Trademark Sticker
- 38 34289 Terminal
- 39 32731 Rubber Plug 1/4 Dia. (2)
- 40 70807 Attachment Plug 120-125 Volts
99586-04 Attachment Plug 150-250 Volts

PARTS NOT SHOWN

- 51817 Backing Pad (Incl. 50933)
- 50933 Clamp Washer
- 58215 Connection Diagram



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ELECTRIC POLISHER

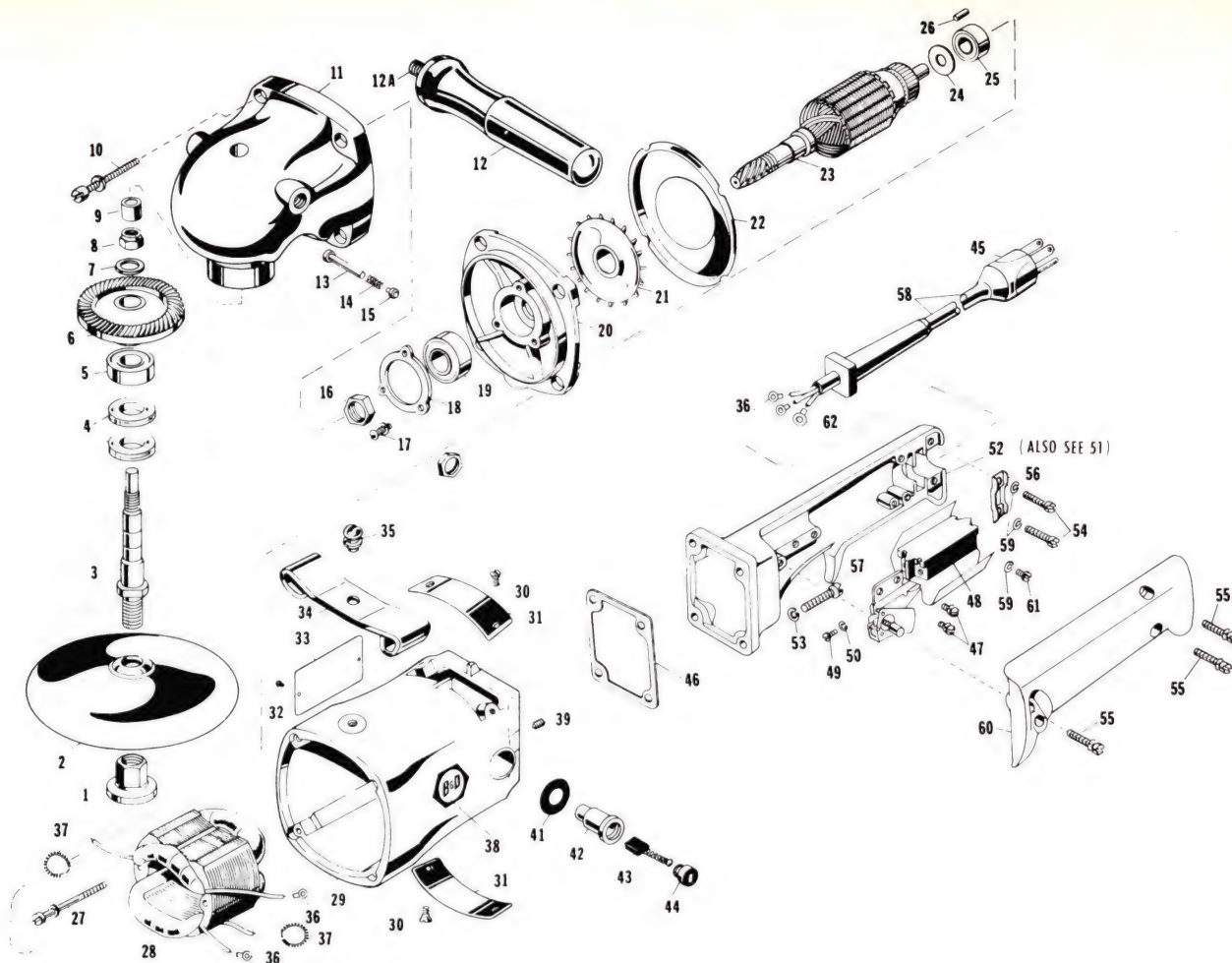
Cat. No.	Volts	Type	Amps.	RPM
992	120	AB	7.0	2400
6126	120	AB	7.0	2400
6126-01	220	AB	3.7	2400
6126-02	100	A	6.1	2400

All units AC only

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 2679-2



PARTS IDENTIFICATION

Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.
1	50933	Clamp Washer	1	29	36232-02	Field Case	1
2	51824	7" Superflex Backing Pad (Includes item #1)	1	30	36285	#10-32 x 7/16 OHM Screw	4
3	56897	Spindle (5/8"-11 thds.)	1	31	36286	Brush Cover Plate	2
4	14813	Locking Screw	2	32	3041	#2 x 3/16 Dr. Screw	2
5	22503-02	Ball Bearing	1	33	72884-01	Nameplate	1
6	56907	Spindle Gear (Cat. #6130)	1	34	22411	Stand (Includes #35)	1
7	56909	Spindle Gear (Cat. #6132)	1	35	48758	5/16-18 x 9/16 R.H.M. Screw & Washer	1
8	5871	Thrust Washer	1	36	33315	Lead Terminal	4
9	56902-01	Lock Nut	1	37	3353	Terminal Spring	2
10	21635	Needle Bearing	1	38	57468	Hex Sticker	1
11	9910	1/4-28 x 1 1/4 FHM Scr. & W.	4	39	376	10-32 x 3/8 Set Screw	2
12	56900	Gear Case (Includes 9, 13, 14, 15)	1	41	33419	Insulator Shield	2
12A	60699	Side Handle & Bolt (Includes #12A)	1	42	33183	Brush Holder	2
13	54300	Side Handle Bolt	1	43	32876	Brush Assembly	2
14	54874	Gear Lock Pin	1	44	6668	Brush Holder Plug	2
15	37373	Lock Pin Spring	1	45	70807	Attachment Plug	1
16	33198	Lock Pin Washer	1	46	25989	Insulator	1
17	18021	9/16-18 x 5/16 Hex Nut	1	47	626	8-32x3/8 R.H.M. Screw & W.	2
18	3596	#8-32 x 3/8 R.H.M. Scr. & Washer	3	48	38552	Switch	1
19	36264	Bearing Plate	1	49	4230-01	6-32 x 1/4 Terminal Screw	4
20	38502	Ball Bearing	1	50	4145-01	#6 Lockwasher	4
21	36234	Gear Case Cover	1	51	86972	Switch Handle (Includes items 47, 48, 49, 50, 52, 54, 55, 56, 59, 60, 61)	1
22	36235	Fan	1	52	86971	Switch Handle (Incls. items 55, 60)	1
23	36284	Fan Baffle Plate	1	53	416	1/4" Lockwasher	4
24	56913-31	Armature (Cat. #6130)	1	54	1789	8-32 x 1/2 Fill. H.M. Screw	2
25	60647-31	Armature (Cat. #6132)	1	55	380	8-32 x 5/8 Fill. H.M. Screw	3
26	36399	Bearing Seal Washer	1	56	3618	Cord Clamp	1
27	19738	Ball Bearing	1	57	12601	1/4-28 x 7/8 Fill. H.M. Screw	4
28	30612	Bearing Plug	1	58	46325-98	Cord & Plug, 15 Ft.	1
29	12158	#10-32 x 2 R.H.M. Screw & Washer	2	59	418	#8 Lockwasher	3
30	86991-71	Field (Cat. #6130)	1	60	61367	Switch Handle Cover	1
31	86992-71	Field (Cat. #6132)	1	61	2379	Terminal Screw	1
				62	34289	Lead Terminal	1

Item Part
No. No. Description

PART NOT SHOWN

86975 Connection Diagram

NOTES

- 5 Assemble bearing inset toward pinion
- 8 Torque 10 ft. lbs. maximum—back off 1/2 turn.
- 57 Torque 4 to 5 ft. lbs.

LUBRICATION

6 Oz. Heavy-Duty Grease ML54-1



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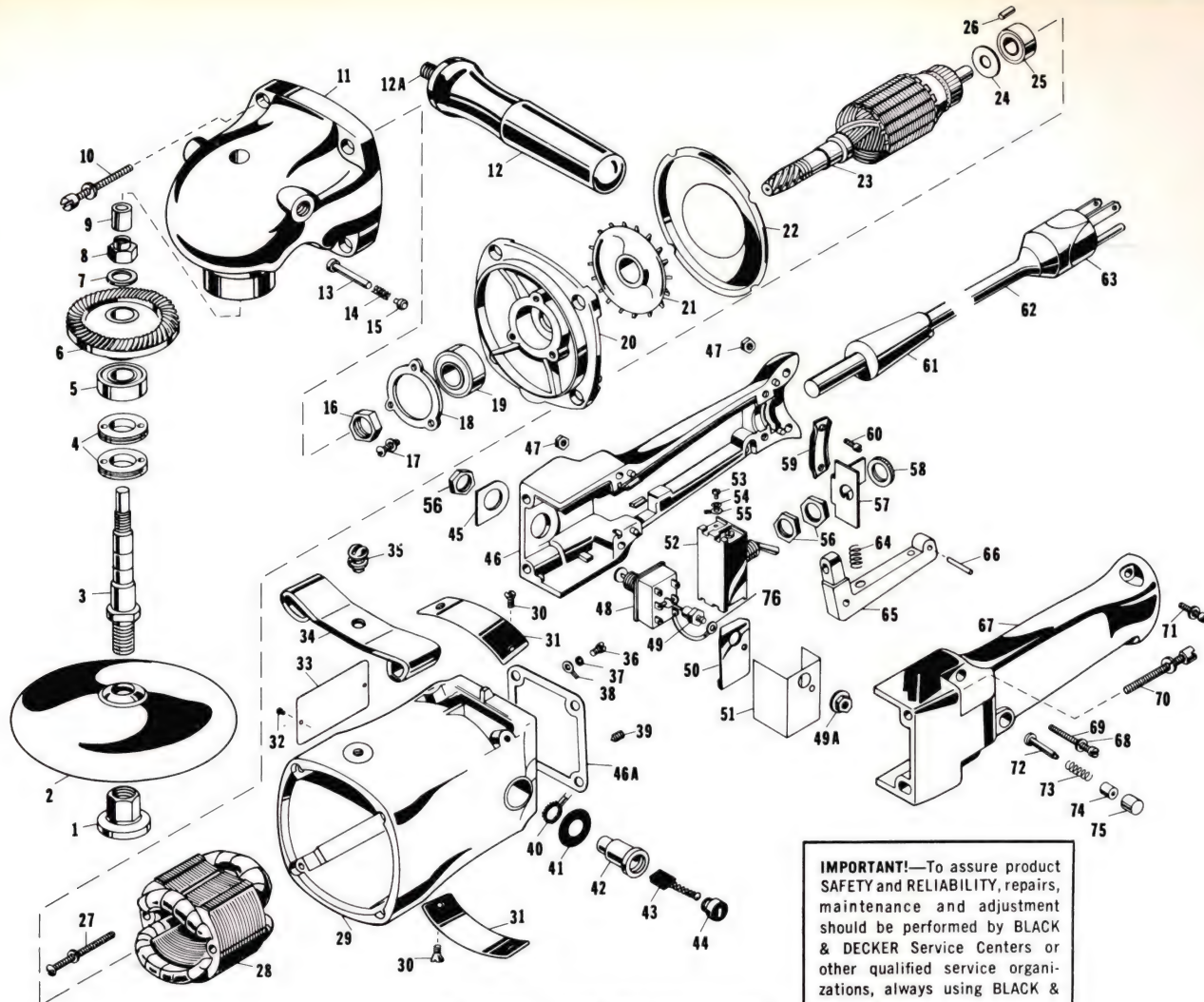
HEAVY-DUTY POLISHERS

Cat. No.	Volts	Type	Amps.	RPM
6130	115	1	6.5	2150
6130-67	115	1	6.5	2150
6132	120	1	8.5	3000

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 7041-3



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PARTS IDENTIFICATION

Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.	Item No.	Part No.	Description	Quan.
1	50933	Clamp Washer	1	29	36232-02	Field Case	1	58	24697	R.D. Knurled Nut	1
2	51824	7" Superflex Backing Pad (Includes item #1)	1	30	36285	#10-32x7/16 OHM Screw	4	59	3618	Cord Clamp	1
3	56897	Spindle (5/8"-11 thds.)	1	31	36286	Brush Cover Plate	2	60	99024-01	#8-32 x 9/32 F.H.M. Scr.	2
4	14813	Locking Screw	2	32	3041	#2 x 3/16 Dr. Screw	2	61	56978	Cord Protector	1
5	22503-02	Ball Bearing	1	33	71949	Nameplate	1	62	55142-98	Cord & Plug 115-125V (Includes #63)	1
6	56907	Spindle Gear	1	34	22411	Stand (Includes #35)	1	63	70807	Attachm't Plug 115-125V	1
7	5871	Thrust Washer	1	35	48758	5/16-18 x 9/16 R.H.M. Screw & W.	1	64	99052-01	Spring	1
8	64258	Lock Nut	1	36	2379	#8-32x5/16 BHM Screw	1	65	50244-01	Switch Lever	1
9	21635	Needle Bearing	1	37	418	#8 Lock Washer	4	66	696140	Roller	1
10	9910	1/4-28x1 1/4 FHM Scr. & W.	4	38	34289	Lead Terminal	1	67	57894	Switch Cover (Includes #72-73-74-75)	1
11	56900	Gear Case (Includes 9, 13, 14, 15)	1	39	376	#10-32 x 3/8 Slot H'dless S. Screw	2	68	417	#10 Lock Washer	2
12	60699	Side Handle & Bolt (Includes #12A)	1	40	3353	Brush Lead Term. Spring	2	69	641	#10-32 x 1 1/4 F.H.M. Scr.	2
12A	54300	Side Handle Bolt	1	41	33419	Insulator Shield	2	70	99461-30	1/4-28 x 1 1/8 Pozidriv F.H.M. Screw & Washer	4
13	54874	Gear Lock Pin	1	42	33183	Brush Holder	2	71	364	#10-32 x 7/8 F.H.M. Screw & Washer	2
14	37373	Lock Pin Spring	1	43	32876	Brush Assembly 115-150 v	2	72	59565	Sw. Lock Pin	1
15	33198	Lock Pin Washer	1	44	6668	Brush Holder Plug	2	73	16592	Lock Pin Spring	1
16	18021	9/16-18 x 5/16 Hex Nut	1	45	66898	Switch Plate	1	74	54540	Sw. Lock Pin Washer	1
17	3596	#8-32 x 3/8 R.H.M. Scr. & Washer	3	46	62291-02	Switch Handle	1	75	57422	Cap	1
18	36264	Bearing Plate	1	46A	25989	Heat Insulator	1	76	56141	Terminals	2
19	38502	Ball Bearing	1	47	406	#10-32 Hex Nut	4	PARTS NOT SHOWN			
20	36234	Gear Case Cover	1	48	62144	Selector Switch (Incl. 56)	1	66895	Connection Diagram		
21	36235	Fan	1	49	56125	Diode (Includes #49A)	1	57468	Sticker		
22	36284	Fan Baffle Plate	1	49A	406	Diode Nut (10-32 Hex Nut)	1	TWO-SPEED H.D. POLISHER CAT. NO. 6131, TYPE 1 120V, A.C. only 7.5 Amps. THE BLACK & DECKER MFG. CO. TOWSON, MD. 21204 Printed in U.S.A. BULLETIN NO. 8072			
23	66699-31	Armature, 115 volts	1	50	66897	Heat Sink	1				
24	36399	Bearing Seal Washer	1	51	66896	Diode Insulator	1				
25	19738	Ball Bearing	1	52	62287	Switch (Toggle Sealed) (Incl. #53-54-56-57-58)	1				
26	30612	Bearing Plug	1	53	20405	5-40 x 1/4 Term. Screw	4				
27	12158	#10-32 x 2 R.H.M. Screw & Washer	2	54	4145-01	#6 Lock Washer	4				
28	66700-71	Field, 115 volts	1	55	33315	Lead Terminal	4				
				56	24701	9/16 A.F. Hex Nut	3				
				57	56937	Switch Plate	1				

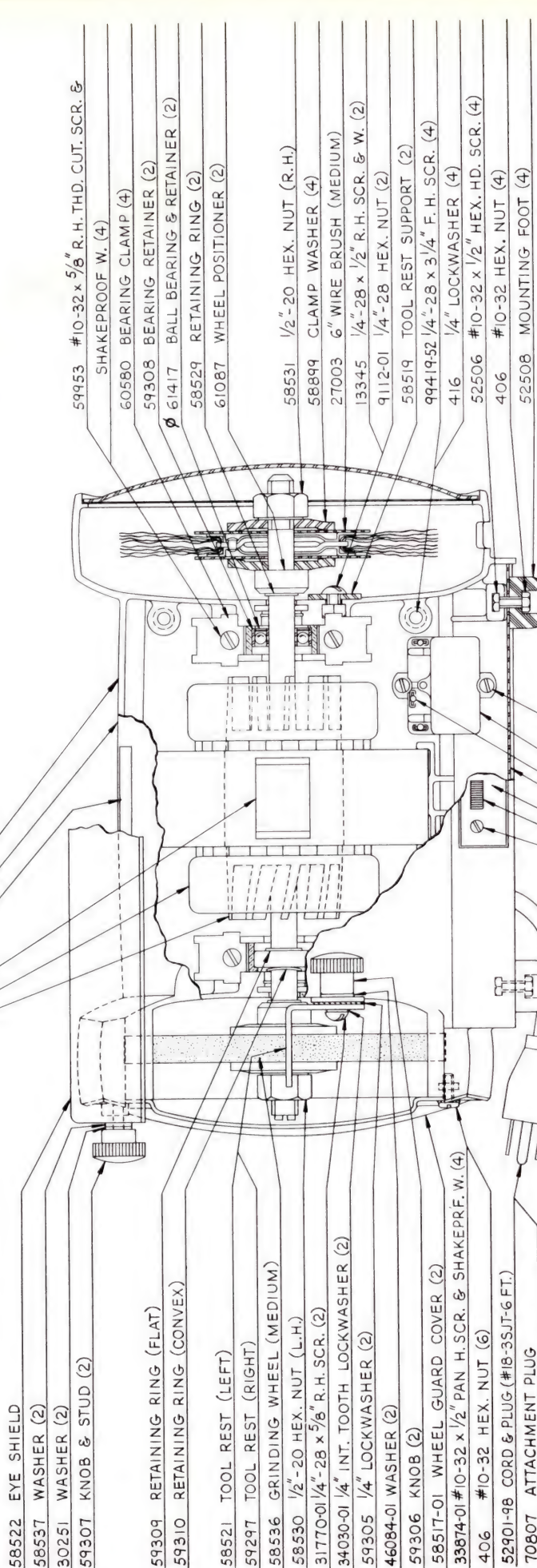
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Ø NOTES

- Ø 59302 HOUSING, ASSEM. HALF
58472-01 HOUSING, COVER HALF
72418 CAUTION LABEL
58515 SPRING (STATOR)
Ø 59293-51 STATOR (120V. 60 CYC.)
Ø 61271 ROTOR
- 61417 (B.BRG. & RET.) APPLY 2 DROPS OF
BRG. MOUNT LOCTITE TO I.D. OF BRG.
59293-51 (STATOR) INCL. 51350 & 80201 (2).
61271 (ROTOR) STRAIGHT BLADES ON
ROTOR TO RIGHT WITHIN GRINDER.
59302 (HSG.) INCL. 57206-01.

PARTS NOT SHOWN

- 34289 WIRE TERMINAL (CORD)
33305 CORD BUSHING
51350 LEAD TERMINAL (2) (CORD-I, STATOR-I)
52819 #8-32 x 3/8" PHIL. PAN H. THD. FORM. SCR. & W. (GRD.)
58525 CONNECTION DIAGRAM
57206-01 NAMEPLATE (120V. 60 CYC.) (HSG., ASSEM. HALF)
59181 LOGO STICKER (HSG., COVER HALF)



- SPECIAL PARTS FOR NO. 4305-01 (220V.) (60 CYCLE)
59293-58 STATOR
71733-03 RELAY
37142-98 CORD & PLUG (#18-3SJ-10 FT.)
95586-04 ATTACHMENT PLUG
- 5533 #6-32 x 3/8" R. H. SCR. (2)
37788 #6 LOCKWASHER (2)
58534 SWITCH
59182 SWITCH PLATE
62039 BASE PLATE
80201 SPADE CONNECTOR (3)
71733-01 RELAY

- SPECIAL PARTS FOR NO. 4305-02 (220V.) (50 CYC.)
59293-57 STATOR
71733-03 RELAY
37142-98 CORD & PLUG (#18-3SJ-10 FT.)
95586-04 ATTACHMENT PLUG
- 52819 #8-32 x 3/8" PAN HD. THD. FORM.
SCREW & W. (2)

6" BENCH GRINDER

- NO. 4305, TYPE 1
VOLTS AC 120 · AMPS 5.1 · RPM 3600 · 60 CYCLES
NO. 4305-01, TYPE 1
VOLTS AC 220 · AMPS 3.0 · RPM 3600 · 60 CYCLES
NO. 4305-02, TYPE 1
VOLTS AC 220 · AMPS 3.2 · RPM 3000 · 50 CYCLES
SINGLE PHASE · HP 1/4

IMPORTANT! TO ASSURE PRODUCT
SAFETY AND RELIABILITY - REPAIRS,
MAINTENANCE AND ADJUSTMENTS
SHOULD BE PERFORMED BY
BLACK & DECKER SERVICE CENTERS
OR OTHER QUALIFIED SERVICE
ORGANIZATIONS, ALWAYS USING
BLACK & DECKER REPLACEMENT
PARTS.

THE BLACK & DECKER MFG. CO., TOWSON, MD.
MADE IN U.S.A. W.M.K. F BULLETIN #2931

FOR PARTS OR SERVICE-ALWAYS FURNISH COMPLETE NAME PLATE INFORMATION & PART NUMBERS

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.

EXTRA EQUIPMENT

- 19115 CUTTER TYPE WHEEL DRESSER
52932 BEARING CLAMP WASHER (BUFFING)

- 52491-01 MOTOR HOUSING (2)
59556 SPARK SHIELD (2)

- 406 #10-32 HEX. NUT (4)
9112 1/4"-28 HEX. NUT (2)

- 8871 WASHER (2)

- 15905 1/4"-28 HEX. H. SCREW (2)

- Ø 54244-69 STATOR (120V.)

- Ø 52500 ROTOR

- 51443-04 WHEEL GUARD COVER

- 52511 1/4"-20x5/8" TAP. SCR (8)

- 416 1/4" LOCK WASHER (8)

- 55469 BALL BEARING

- 59614 INNER CLAMP WASHER (2)

- 59613 OUTER CLAMP WASHER (2)

- 2179 WHEEL CLAMP NUT (L.H.)

- 52499-01 TOOL REST (L.H.)

- 39023 GRINDING WHEEL (MEDIUM)

- 52493-01 WHEEL GUARD (L.H.)

- 52507 SWITCH (120V)

- 52496-02 SWITCH PLATE

- 5533 #6-32x3/8" R.H. SCREW (2)

- 37788 #6 LOCK WASHER (2)

- 53582 MOTOR STARTING RELAY (120V.)

- 52510 1/4"-20 HEX. H. SCREW (2)

- 8871 WASHER (2)

- 52506 #10-32x9/16" HEX. H. SCR (4)

- 38738 1/4":20 HEX. NUT (2)

- 52489 BASE PLATE

- 1988 #8-32x1/4" R.H. SCR & W/2

- 406 #10-32 HEX. NUT (4)

- 52508 RUBBER FOOT (4)

PART NOT SHOWN

- 73325 NAME PLATE

- 53609 INSTRUCTION PLATE

- 13574 #4-40x3/8" R.H. SCR & W (4) (N.P. & INSP.)

- 37786 #4-40 HEX. NUT (4) (N.P. & INSP.)

- 57468 DECAL (HOUSINGS)

- 33305 CORD BUSHING (CORD & PLUG)

- 67308 WIRING DIAGRAM LABEL (120V)

- 72418 CAUTION LABEL (HSG.-TOP)

- 52501 CONNECTION DIAGRAM (120 V)

SPECIAL PARTS FOR CAT. NO. 4310-01 (220V)

- 54244-65 STATOR
52558 SWITCH
53585 MOTOR STARTING RELAY
37142-98 CORD & PLUG (#18-3SJ-10 FT.)
99586-04 ATTACHMENT PLUG
67309 WIRING DIAGRAM LABEL
52945 CONNECTION DIAGRAM

Ø NOTES

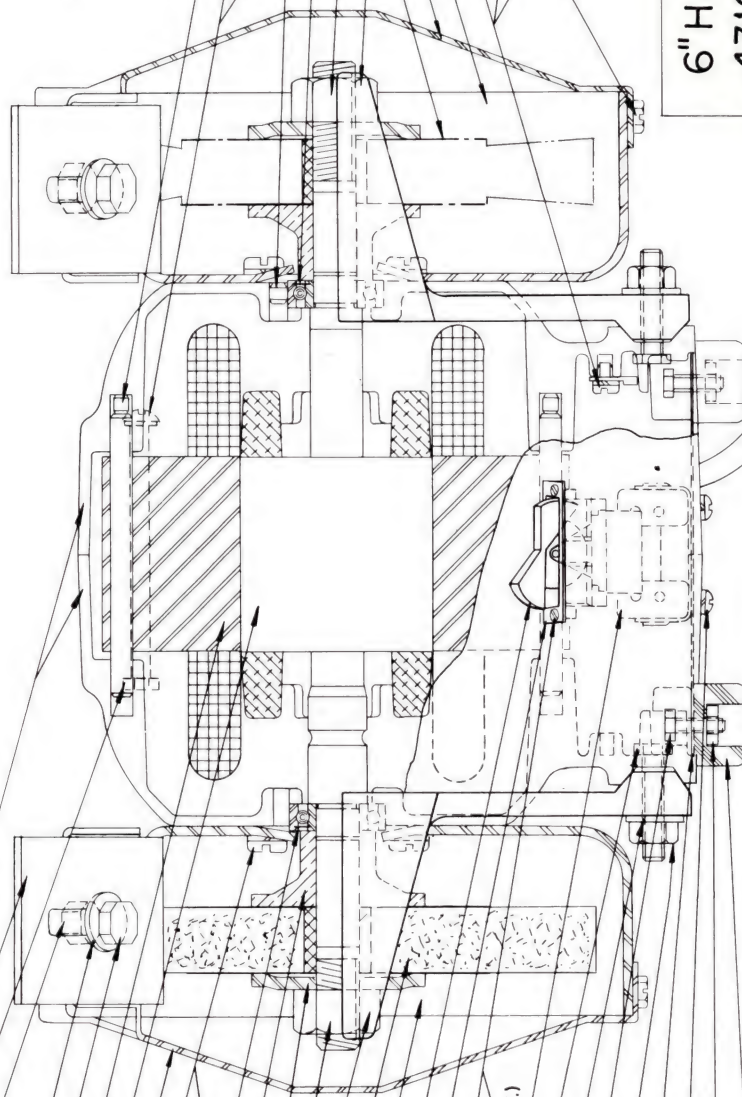
52500 ROTOR:

CAUTION! WHEN REPLACING ROTOR THE GROOVED END OF THE SHAFT MUST BE ASSEMBLED TO THE LEFT

54244-69 STATOR:

STATOR LEAD TO COME OUT LEFT SIDE.

- 33055 RUBBER PLUG (2)
52618 #10-32x2 3/4" F.H. SCREW (4)
417 #10 LOCK WASHER (4)
33055 RUBBER PLUG
55469 BALL BEARING
2949 WHEEL GUARD NUT
52498-01 TOOL REST (R.H.)
27003 6" WIRE WHEEL BRUSH
51443-04 WHEEL GUARD COVER
52495-01 WHEEL GUARD (R.H.)
52512 #8-32x1/4" R.H. SCREW
418 #8 LOCK WASHER
34289 LEAD TERMINAL
36136 #10-32x3/8" HEX. H. SCREW (6)



6" H.D. BENCH GRINDER

NO. 4310, TYPE 1 · VOLTS AC 120 · AMPS 5.0/4.4

NO. 4310-01, TYPE 1 · VOLTS AC 220 · AMPS 2.7/2.5

NO. 4310-02, TYPE 1 · VOLTS AC 240 · AMPS 2.4/2.2

50/60 CYCLE · 1/3 HP · 3000/3600 RPM

SINGLE PHASE

52901-98 CORD & PLUG,
(#18-3SJT-6 FT.) (120V.)

70807 ATTACH. PLUG (120V.)

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND
MADE IN U.S.A. J.B.S. D. BULLETIN NO. 2930

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE NAMEPLATE INFORMATION AND PART NUMBERS
 IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY
 BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.

Ø NOTES

54411-01 (REFLECTOR) (R.H.) INCL. 52845
 54412-01 (REFLECTOR) (L.H.) INCL. 52845

EXTRA EQUIPMENT

19115 CUTTER TYPE WHEEL DRESSER
 52932 BEARING CLAMP WASHER (BUFFING)

52491-01 MOTOR HOUSING (2)
 59556 SPARK SHIELD (2)

406 #10-32 HEX. NUT (4)
 9112 1/4"-28 HEX. NUT (2)

31687 WASHER (2)
 9871 WASHER (2)

52888 1/4"-28 HEX. H. SCREW (2)
 Ø 54244-69 STATOR

Ø 52500 ROTOR
 51443-04 WHEEL GUARD COVER (2)

52511 1/4"-20X5/8" TAP SCR (8)
 416 1/4" LOCK WASHER (8)

55469 BALL BEARING (2)
 59614 INNER CLAMP WASHER (2)

59613 OUTER CLAMP WASHER (2)
 2179 WHEEL CLAMP NUT (L.H.)

59607 SUPPORT ARM (L.H.)
 15314 GRINDING WHEEL

52493-01 WHEEL GUARD (L.H.)
 52507 SWITCH

52496-02 SWITCH PLATE
 5533 #6-32X3/8" R.H. SCREW (2)

37788 #6 LOCK WASHER (2)
 53582 MOTOR STARTING RELAY

52510 1/4"-20 HEX. H. SCREW (2)
 8871 WASHER (2)

52506 #10-32X9/16" HEX. H. SCR (4)
 38738 1/4"-20 HEX. NUT (2)

52489 BASE PLATE
 1988 #8-32X1/4" R.H. SCR & W (2)

406 #10-32 HEX NUT (4)
 52508 RUBBER FOOT (4)

PARTS NOT SHOWN

56207 EYE SHIELD ASSEM. (R.H.)
 56208 EYE SHIELD ASSEM. (L.H.)
 13574 #4-40X3/8" R.H. SCR & W (4) (N.P. INSTR.)
 37786 #4-40 HEX. NUT (4) (N.P. & INSTR.)
 73319 NAMEPLATE
 33305 CORD BUSHING (CORD & PLUG)
 53609 INSTRUCTION PLATE

57468 TRADEMARK STICKER (HSG. FRONT)
 67310 WIRING DIAGRAM (BASE PLATE)
 72418 CAUTION LABEL (HSG.-TOP)
 52846 CONNECTION DIAGRAM
 48955 CORD BUSHING (2)
 14080 1/2" PIKE FLANGE (2) (W.W. BRUSH)

6947 5/16"-24 HEX. SCREW (2)
 45392 5/16" LOCK WASHER (2)
 45389-03 EYE SHIELD FRAME (2)
 54056-01 SWIVEL ARM CLAMP (2)
 2281 5/16"-24 HEX. NUT (2)
 30113 LAMP BULB (2)
 52845 MYLAR REFLECTOR (2)
 30104 SWIVEL ARM (2)
 52851 LAMP SOCKET & BKT. (2)

Ø NOTES

CAUTION! WHEN REPLACING ROTOR
 THE GROOVED END OF THE SHAFT
 MUST BE ASSEMBLED TO THE LEFT.

STATOR LEAD TO COME OUT LEFT
 SIDE.

45390 CLAMP (2)

33055 RUBBER PLUG (2)

52618 #10-32 X 2 3/4" F.H. SCREW (4)

417 #10 LOCK WASHER (4)

33055 RUBBER PLUG

2949 WHEEL CLAMP NUT (R.H.)

59604 TOOL REST (2)

33089 1/4"-20 X 3/4" CARR. BOLT (2)

99474-22 5/16" LOCKWASHER (2)

33086 1/4"-20 WING NUT (2)

59608 SUPPORT ARM (R.H.)

52512 #8-32 X 1/4" PAN HD. SCR.

418 #8 LOCKWASHER

34289 LEAD TERMINAL

52495-01 WHEEL GUARD (R.H.)

30360 WIRE WHEEL BRUSH

36136 #10-32 X 3/8" HEX. HD. SCR. (6)

No. 4315, 6" H.D. DELUXE BENCH GRINDER

TYPE 1 (CAT. NO. 4315)

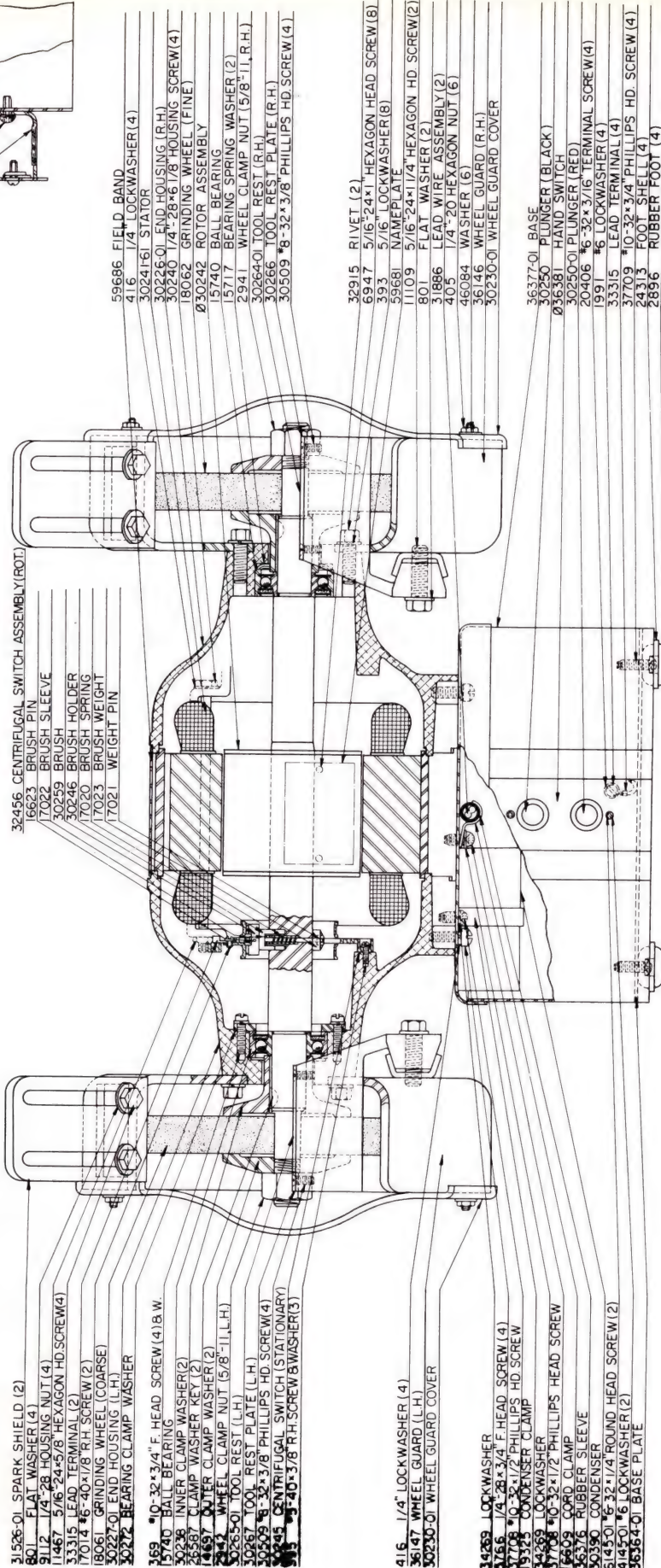
120 VOLTS A.C. 5.0/4.4 AMPS. 1/3 H.P.
 50/60 CPS 3000/3600 RPM SINGLE PHASE

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND
 MADE IN U.S.A. P.I.K. D BULLETIN NO. 2933

52901-98 CORD & PLUG,
 (#18-35J.T.-6 FT.)

70807 ATTACHMENT PLUG

- PARTS NOT SHOWN**
- 36458 INSULATING SLEEVE (2) (FOR FIELD LEADS)
 - 3023 LEAD WIRE ASSEMBLY (SWITCH TO CONDENSER)
 - 33315 LEAD TERMINAL (TOTAL OF 9)
 - 31889 CONNECTION DIAGRAM
 - 45699 CONNECTION DIAGRAM
 - 72418 CAUTION STICKER
- SPECIAL PARTS FOR CAT. NO. 4325-01, (220 VOLT - 1 PH.)**
- 30241-65 STATOR
- SPECIAL PARTS FOR CAT. NO. 4326 (3 PHASE) NO CENTRIFUGAL SWITCH OR CONDENSER USED)**
- 4145-01 #6 LOCKWASHER (6) (ON 31921)
 - 4230-01 #6-32 x 1/4" TERMINAL SCREW (6) (ON 31921)
 - 53608 ROTOR
 - 26192 LEAD TERMINAL (TOTAL OF 9)
 - Ø31886 LEAD WIRE ASSEMBLY (TOTAL OF 3)
 - Ø31921 HAND SWITCH
 - 36369 CONNECTION DIAGRAM (DUAL VOLTAGE)
 - 45700 CONNECTION DIAGRAM
 - 30241-75 STATOR



- Ø NOTES**
- 31886 INCLUDES 26192
 - 36381 INCLUDES 20406 (4)
 - 31921 INCLUDES 4230-01 (6)
 - 30242 INCLUDES 32456

- EXTRA EQUIPMENT**
- 22173 LAMP ATTACHMENT
 - 364 #10-32 x 7/8 FILL HD. SCR.
 - 406 HEX NUT
 - 13320 MOTOR GROMMET
 - 46325 LAMP SHADE
 - 46325 ADAPTOR PLATE
 - 30228 WHEEL GUARD (R.H.) (WITH EXHAUST TUBE)
 - 30229 WHEEL GUARD (L.H.) (WITH EXHAUST TUBE)

8" HEAVY DUTY BENCH GRINDER

- CAT. NO. 4325, TYPE A - 1 PHASE.
120 VOLT AC - 10/9.75 AMPS
- CAT. NO. 4325-01, TYPE A - 1 PHASE.
220 VOLT AC - 5/4.85 AMPS
- CAT. NO. 4326, TYPE A - 3 PHASE - 220/440 VOLT AC
220 VOLT AC - 1/2.3 AMPS
440 VOLT AC - 1/2.15 AMPS
3/4 H.P. - 50/60 CYCLES - 3000/3600 RPM

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND
MADE IN U.S.A. T.R.B. G BULLETIN NO. 2839

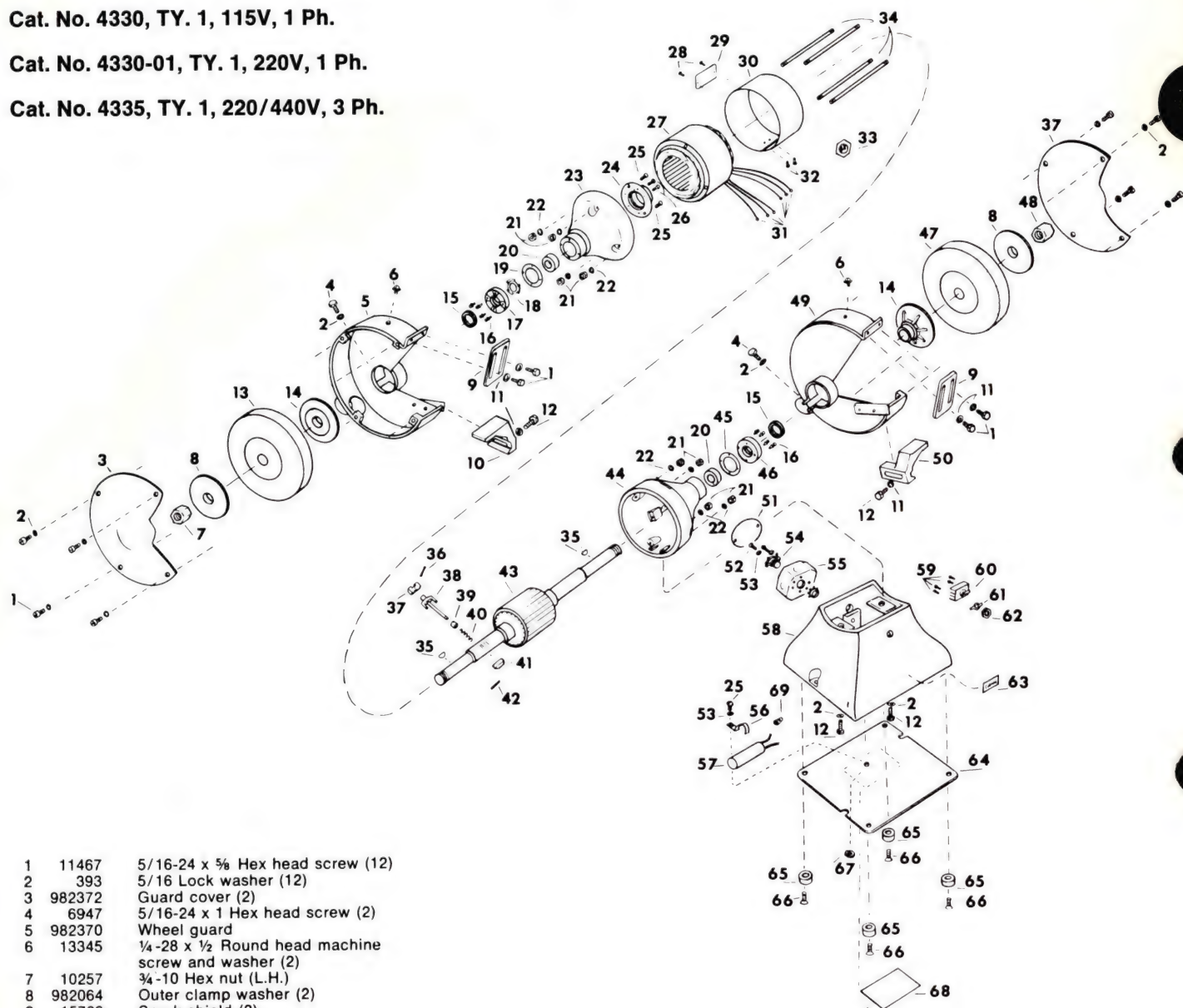
IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.

10" BENCH GRINDER

Cat. No. 4330, TY. 1, 115V, 1 Ph.

Cat. No. 4330-01, TY. 1, 220V, 1 Ph.

Cat. No. 4335, TY. 1, 220/440V, 3 Ph.



1	11467	5/16-24 x 3/4 Hex head screw (12)
2	393	5/16 Lock washer (12)
3	982372	Guard cover (2)
4	6947	5/16-24 x 1 Hex head screw (2)
5	982370	Wheel guard
6	13345	1/4-28 x 1/2 Round head machine screw and washer (2)
7	10257	3/4-10 Hex nut (L.H.)
8	982064	Outer clamp washer (2)
9	15726	Spark shield (2)
10	15709	Tool rest (L.H.)
11	801	Flat washer (6)
12	5531	5/16-18 x 1 Hex head screw (4)
13	10274	Grinding wheel (coarse)
14	982063	Inner clamp washer (2)
15	15711	Felt washer (2)
16	367	10-32 x 3/8 Fillister head machine screw (8)
17	15705	Bearing cap
18	15717	Spring washer
19	15722	Gasket
20	15740	Ball bearing (2)
21	405	1/4-20 Hex nut (8)
22	416	1/4 Lock washer (8)
23	15698	End housing
+24	982927	Centrifugal switch (stationary)
+25	375	10-32 x 3/8 Round head screw (3)
+26	20406	6-32 x 3/16 Terminal screw (2)
27	19664-61	Stator 115v. 1 phase
	19664-65	Stator 220v. 1 phase
	19664-75	Stator 220/440v. 3 phase
28	14002	Rivet (2)
29	61466	Nameplate
30	15719	Stator Band
31	34289	Lead terminal (6)
32	22977	Drive screw (2)
33	58122	Hex sticker
34	982977	Stud (4)
35	26587	Woodruff key (2)
+985202		Centrifugal switch (rotating) includes items 36 - 42

+36	16623	Pin
+37	34246	Brush
+38	982954	Brush carrier
+39	17022	Sleeve
+40	17020	Brush spring
+41	17024	Weight
+42	17021	Pin
43	982952	Rotor
44	19628	End housing
45	19624	Gasket
46	15706	Bearing cap
47	10275	Grinding wheel (medium)
48	10256	3/4-10 Hex nut (R.H.)
49	982371	Wheel guard
50	15710	Tool rest (R.H.)
51	34521-01	Cover plate
52	374	10-32 x 3/8 Round head machine screw (2)
53	417	#10 Lock washer (3)
54	54691	Cord clamp and nut
55	34522-01	Outlet box
+56	19325	Condenser clamp
+57	30390	Condenser
58	995935	Base
59	2379	Terminal screw (4)
60	+36965	Switch (single phase)
	25920	Switch (3 phase)
61	19326	Indicating plate
62	24701	Hex nut
63	72418	Caution Sticker

64	15712	Base plate
65	15723	Foot (4)
66	372	1/4-20 x 3/4 Round head machine screw (4)
67	406	10-32 Hex nut
68	67314	Wiring diagram label 1 phase all voltages
	67315-01	Wiring diagram label 3 phase 220 volts
	67316-01	Wiring diagram label 3 phase 440 volts
69	32114	Connector

Special part not shown for 3 phase grinders, No. 4335

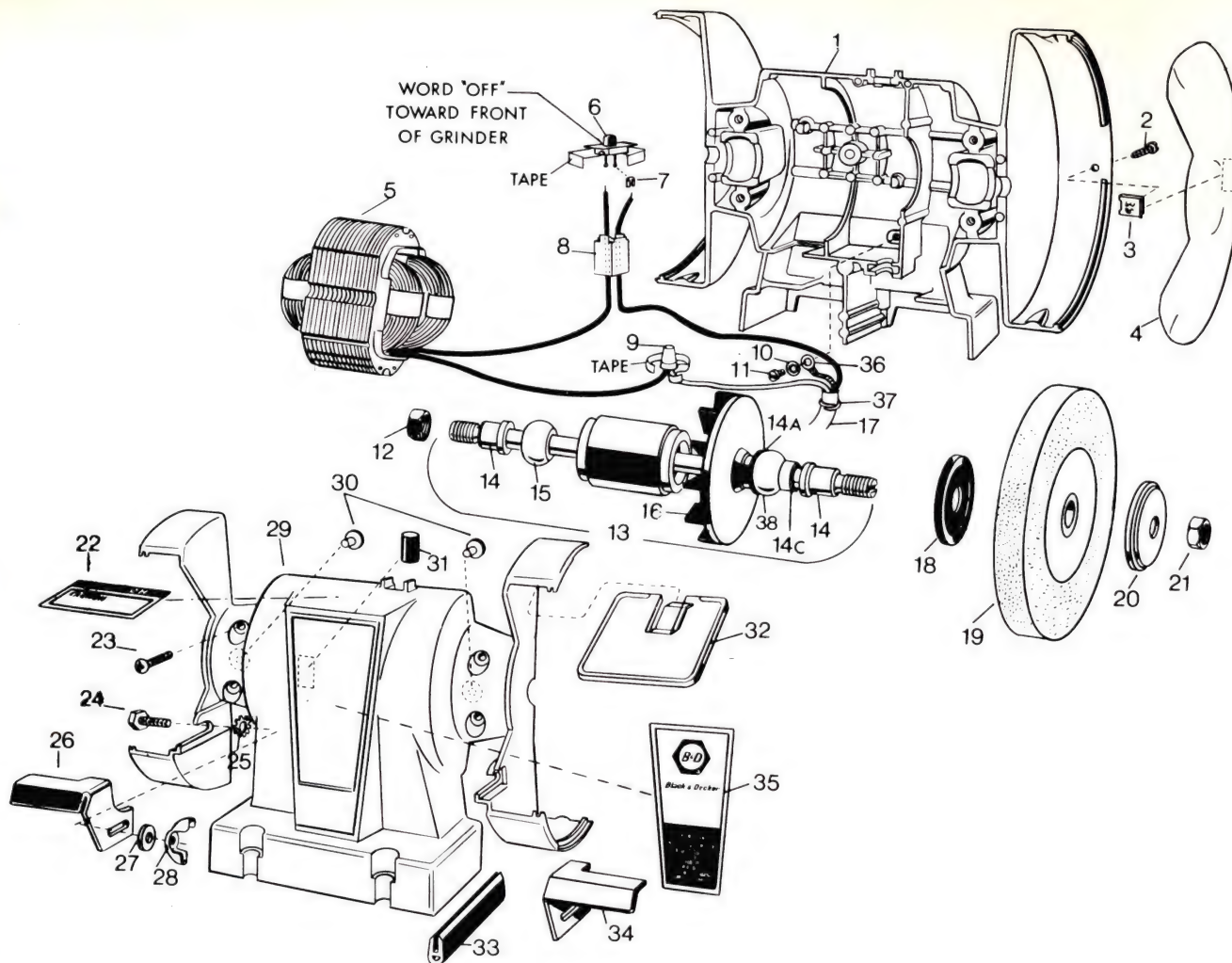
982318	Insulator (2) (3 phase only) (switch)
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Connection Diagrams

+45699	Connection Diagram (single phase)
45700-01	Connection Diagram (3 phase)
37485	Locking Ring for #36965 switch only (single phase only)

+Omit for 3 phase

BULLETIN No. 2928-1



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	85860-01	Motor Housing	1	19	79-555	5" Grinding Wheel, Coarse, 36 Grit	1
2	74068	6-20xSelf-Tap Screw	2		79-556	5" Grinding Wheel, Med., 60 Grit	1
3	74067	Type "U" Speed Nut	2	20	73566	Outer Clamp Washer	2
4	73064	Wheel End Cover	2	21	49835	3/8-24 Nut, R.H.	1
5	73075-71	Stator	1	22	73514	Caution Label	1
6	73950	Switch	1	23	99291-08	10-24 x 1/2 Pan Hd. Screw	4
7	33314	Connector	2	24	99184-12	1/4-20 x 3/4 Hex Hd. Cap Screw	2
8	73340	Switch Box	1	25	38297	#12 Ext. Tooth Lockwasher	2
9	46629	Wire Nut	1	26	73067	Tool Rest, L.H.	1
10	36700	#8 In. Tooth Lockwasher	1	27	72349	1/4 Plain Washer	2
11	39001	8-32 x 5/16 Pan Hd. Self-Tap Screw	1	28	36981	1/4-20 Wing Nut	2
12	74008	3/8-24 Nut, L.H.	1	29	73440-01	Cover Housing & Nameplate (Incls. #22, #35)	1
13	73070-01	Rotor & Fan (Incls. #14, #14A, #14C, #15, #16, #38)	1	30	73076	Bearing Plug	2
14	73567	Wheel Adaptor	2	31	72448	Rubber Plug	1
14A	74978	Fibre Washer	1	32	73065	Eye Shield	2
14C	39645	Retaining Ring	1	33	38091-09	Rubber Feet	2
15	73069	Spherical Bearing	1	34	73066	Tool Rest, R.H.	1
16	73341	Fan	1	35	87397	Nameplate	1
17	74259	Cord & Plug	1	36	34289	Terminal	1
	70807	Attachment Plug	1	37	39004	Strain Relief	1
18	73074	Inner Clamp Washer	2	38	87561	Spherical Bearing	1



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

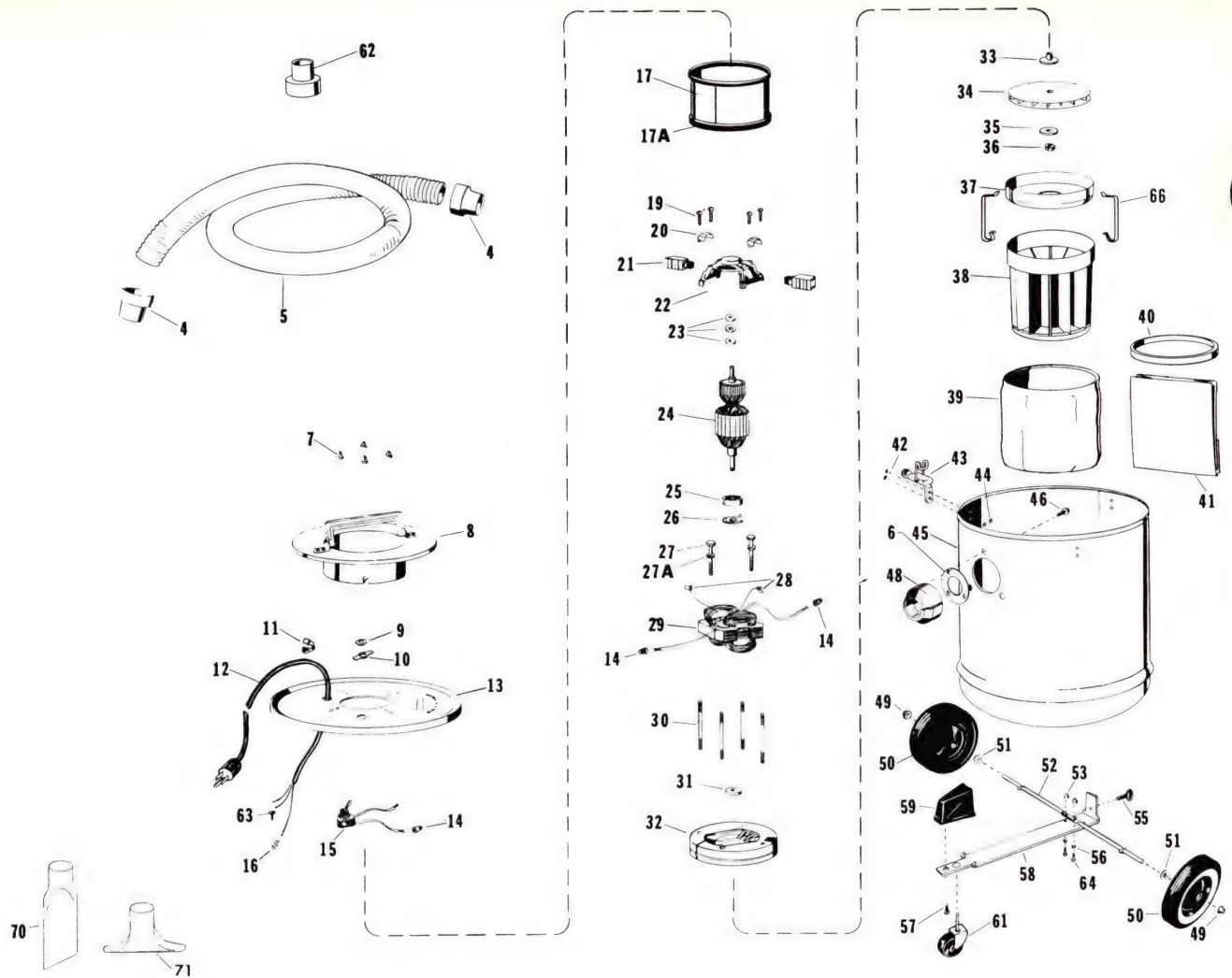
5" BENCH GRINDER

Cat. No.	Volts	Type	Amps.	RPM
6135	120	2	2.2	3400

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 8028



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
4	60438	Hose Ferrule	2	31	60777	Felt Washer	1	62	U-1468	Reducer (2 1/2 to 1 1/4)	1
5	U-1462	Hose (2 1/2" x 6')	1	32	85963-43	Field Housing	1	63	99291-06	10-24 x 3/8 Screw & Washer	1
6	85963-51	Intake Gasket	1	33	60775	Spacer	1	64	80624	Screw	2
7	85963-52	10-24 Capnut	4	34	45750	Fan	1	66	85963-48	Cage Clip	2
8	85963-53	Cord Reel & Handle	1	35	31705	Washer	1	70	U-1480	Crevice Tool (2 1/2")	1
9	24699	15/32-32 Hex Nut	1	36	2281	5/16-24 Nut	1	71	U-1474	5" Nozzle (1 1/4)	1
10	19326	Switch Plate	1	37	60776	Fan Housing	1				
11	48822	Strain Relief	1	38	85963-44	Cage	1				
12	85963-55	Cord & Plug	1	39	U-1470	Cloth Bag	1				
13	85963-56	Cover & Nameplate	1	40	60436	Strap	1				
14	32114	Wire Nut	3	41	U-1469	Paper Bag	1				
15	12245	Switch (Inc. 9,10)	1	42	5533	6-32 x 3/8 Screw	6				
16	56141	Terminal	1	43	60426	Clamp	3				
17	85963-59	Spacer	1	44	12226	6-32 Nut	6				
17A	85963-57	Insulating Channel	2	45	85963-65	5-Gal. Drum	1				
19	34826	8-32 x 1/4 Screw	4	46	46470	10-24 x 1/2 Screw	3				
20	85963-40	Brush Holder Clamp	2	48	85963-69	Inlet Fitting	1				
21	85963-41	Brush & Holder	2	49	56618-01	Cap Nut	2				
22	85963-42	Brush Housing & Bearing	1	50	85963-71	Wheel	2				
23	60773	Fibre Washer	3	51	62487	Washer	2				
24	60437-31	Armature	1	52	85963-73	Axle	1				
25	30090	Ball Bearing	1	53	81953	10-24 Capnut	2				
26	60778	Clamp Washer	1	55	85963-49	1/4-20 x 1 Thumb Screw	1				
27	2420	8-32 x 1 3/4 Screw	2	56	417	Lockwasher	2				
27A	418	Lockwasher	2	57	85963-30	12-14 x 1/2 Screw	1				
28	61821	Terminal	2	58	85963-45	Frame	1				
29	60770-71	Field	1	59	85963-47	Front Cap-Socket	1				
30	85963-63	Mounting Stud	4	61	85963-82	Swivel Wheel	1				

Form No. 97349



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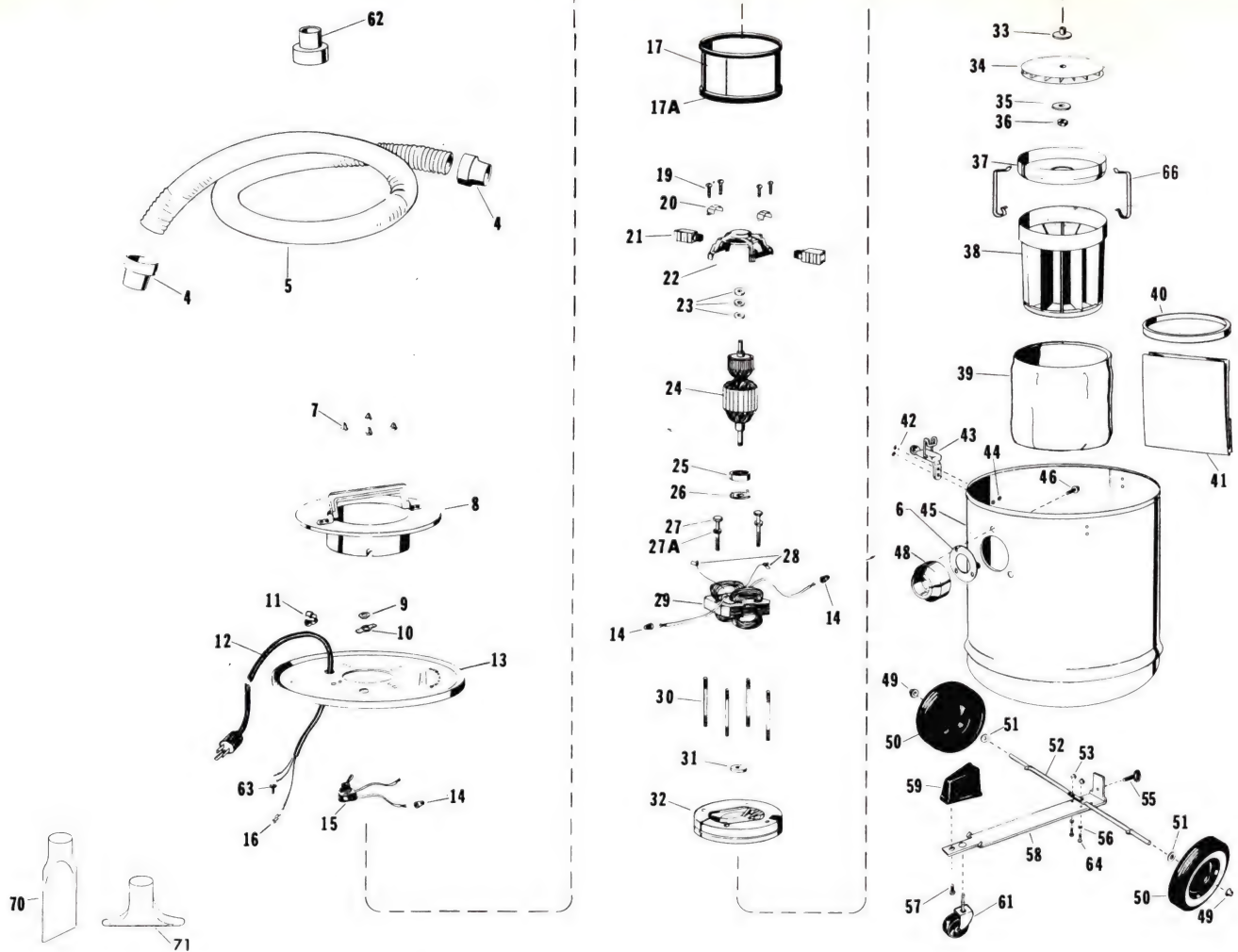
5-GALLON VACUUM CLEANER

Cat. No.	Volts	Type	Amps
6600	120 AC/DC	2	5.6

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 7075



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
4	60438	Hose Ferrule	2	32	85963-43	Field Housing	1	64	80624	Screw	2
5	U-1462	Hose (2½" x 6')	1	33	60775	Spacer	1	66	85963-48	Cage Clip	2
6	85963-51	Intake Gasket	1	34	45750	Fan	1	70	U-1480	Crevice Tool (2½")	1
7	85963-52	10-24 Capnut	4	35	31705	Washer	1	71	U-1474	5" Nozzle (1¼)	1
8	85963-53	Cord Reel & Handle	1	36	2281	5/16-24 Nut	1				
9	24699	15/32-32 Hex Nut	1	37	60776	Fan Housing	1				
10	19326	Switch Plate	1	38	85963-44	Cage	1				
11	48822	Strain Relief	1	39	U-1470	Cloth Bag	1				
12	85963-55	Cord & Plug	1	40	60436	Strap	1				
13	85963-56	Cover & Nameplate	1	41	U-1469	Paper Bag	1				
14	32114	Wire Nut	3	42	5533	6-32 x ¾ Screw	6				
15	12245	Switch (Inc. 9,10)	1	43	60426	Clamp	3				
16	56141	Terminal	1	44	12226	6-32 Nut	6				
17	85963-59	Spacer	1	45	85963-66	10-Gal. Drum	1				
17A	85963-57	Insulating Channel	2	46	46470	10-24 x ½ Screw	3				
19	34826	8-32 x ¼ Screw	4	48	85963-69	Inlet Fitting	1				
20	85963-40	Brush Holder Clamp	2	49	56618-01	Cap Nut	2				
21	85963-41	Brush & Holder	2	50	85963-71	Wheel	2				
22	85963-42	Brush Housing & Bearing	1	51	62487	Washer	2				
23	60773	Fibre Washer	3	52	85963-73	Axle	1				
24	60437-31	Armature	1	53	81953	10-24 Capnut	2				
25	30090	Ball Bearing	1	55	85963-49	¼-20 x 1 Thumb Screw	1				
26	60778	Clamp Washer	1	56	417	Lockwasher	2				
27	2420	8-32 x 1¼ Screw	2	57	85963-30	12-14 x ½ Screw	1				
27A	418	Lockwasher	2	58	85963-46	Frame	1				
28	61821	Terminal	2	59	85963-47	Front Cap-Socket	1				
29	60770-71	Field	1	61	85963-82	Swivel Wheel	1				
30	85963-63	Mounting Stud	4	62	U-1468	Reducer (2½ to 1¼)	1				
31	60777	Felt Washer	1	63	99291-06	10-24 x ¾ Screw & Washer	1				



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WHEN ORDERING REPLACEMENT PARTS YOU MUST GIVE UNIT, TYPE AND CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER AND NAME OF PART NEEDED.

10-GALLON VACUUM CLEANER

Cat. No.	Volts	Type	Amps
6605	120 AC/DC	2	5.6

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

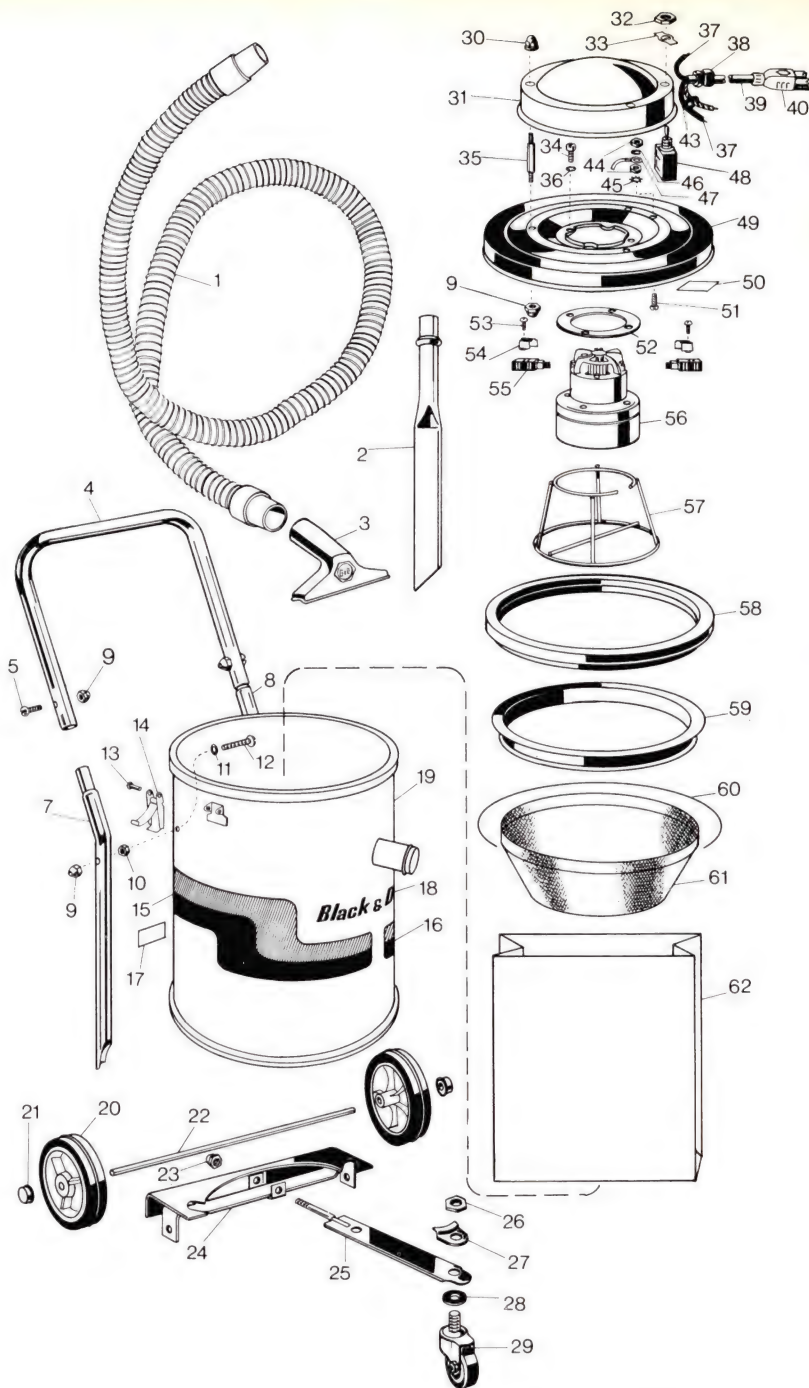
BULLETIN NO. 7076

PARTS IDENTIFICATION

Item No.	Part No.	Description	Quan.
1	49149	Hose, 10 foot	1
2	40004	Crevice Tool	1
3	59784	6" Nozzle	1
4	68164-01	Handle	1
5	99270-18	#10-32 x 1 1/8 Pan-Head Mach. Screw	2
7	68165-01	Right Handle Bracket	1
8	68166-01	Left Handle Bracket	1
9	66792	#10-32 Locknut	7
10	406	#10-32 Hex Nut	2
11	49164	Fiber Washer	2
12	619	#10-32 x 1 1/4 R.H.M. Screw	2
13	36971-03	Rivet	2
14	46673-05	Clamp	2
15	86704	Left Color Band	1
16	86706	Right Color Band	1
17	86703-01	Nameplate	1
18	86702	Sticker	1
19	86937	Tank (Includes Item #17)	1
20	69737-01	6" Wheel	2
21	37716	Hub Cap	2
22	46861	Axle	1
23	46292	5/16-18 Lock Nut	1
24	58766-01	Axle Holder	1
25	48770	Caster Plate	1
26	67511	3/8-16 Lock Nut	1
27	45730-02	Front Clamp	1
28	48935	Spacer	1
29	46404-01	Caster	1
30	45749	#10-32 Cap Nut	3
31	45717-04	Dome	1
32	24701	Hex Nut	1
33	19326	Indicating Plate	1
34	99411-12	#10-24 x 3/4 F.H.M. Screw	4
35	45722	Spacer	3
36	34269	Toothed Lockwasher	4
37	62142	Insulating Tubing	2
38	33305	Cord Bushing	1
39	55142-98	Cord & Plug (Includes Item #40)	1
40	70807	Attachment Plug	1
43	71025	Tie Strap	2
44	407	#8-32 Hex Nut	2
45	36524	Toothed Lockwasher	1
46	418	#8 Lockwasher	1
47	34289	Terminal	1
48	86650	Switch (Includes Items #32, 33)	1
49	86603	Mounting Plate	1
50	69952-02	Motor Nameplate	1
51	796	#8-32 x 1/2" Slotted R.H. Screw	1
52	86605	Gasket	1
53	34826	#8-32 x 1/4 R.H. Screw	2
54	61822	Br. Holder Clamp	2
55	60454	Brush & Brush Holder	2
56	86608-31	Motor Assembly (Includes Items #53, 54, 55)	1
57	86606	Bag Stretcher	1
58	45746	Rubber Seal	1
59	37496-04	Ring	1
60	37500	Wire	1
61	51112	Dust Bag	1
62	49521	Paper Dust Filter	1

Parts Not Shown

86607 Connection Diagram



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

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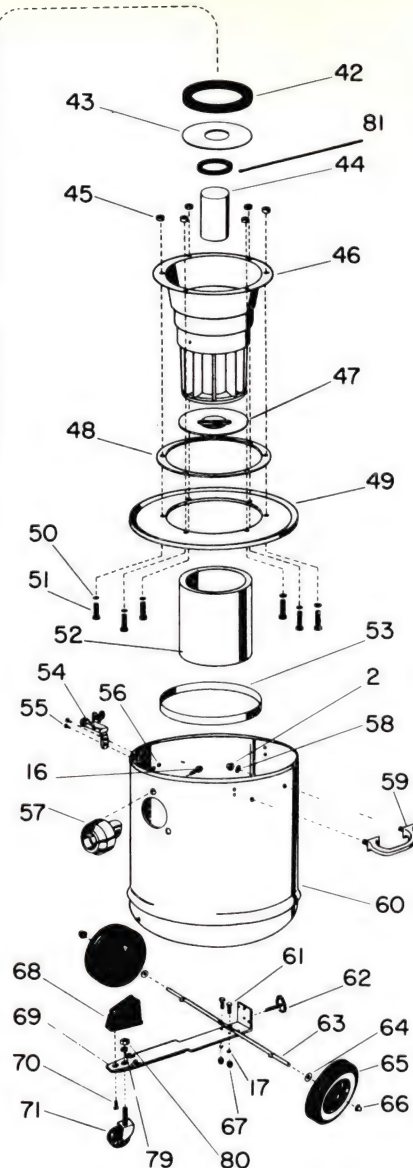
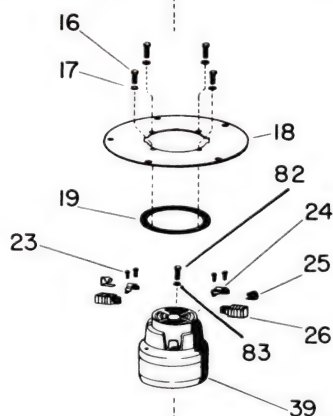
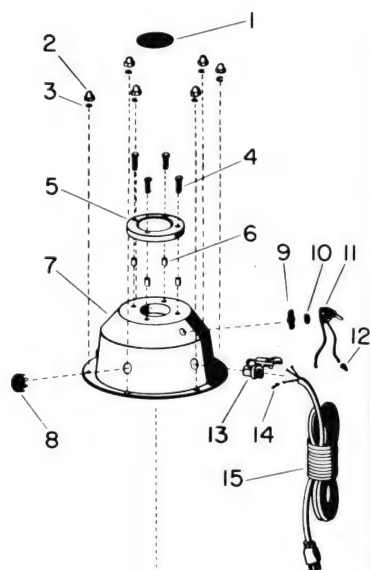
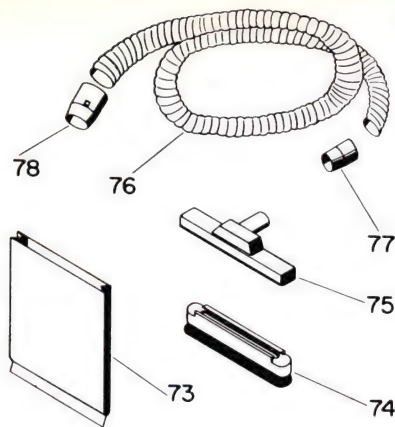
VACUUM CLEANER

Cat. No. 6615	Volts 120	Type 1	Amps. 6.0
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The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.

BULLETIN NO. 7047



PARTS IDENTIFICATION

Index No.	Part No.	Part Description
1	88014-02	Nameplate
2	66966	1/4-20 Cap Nut (10)
3	84173	1/4 Lock Washer (6)
4	80625	#10-24 x 3/4 M.S. (4)
5	87970	Head Plate
6	87971	Spacer (4)
7	87972-01	Head Cover
8	87973	Screen Clip (5)
9	19326	Switch Plate
10	24699	15/32-32 Hex Nut
11	88288	Switch
12	32114	Wire Nut
13	84114	Strain Relief
14	34289	Lead Terminal
15	72432-01	Cord & Plug
16	49298	10-24 x 1/2 Mach. Screw (7)
17	417	#10 Lock Washer (6)
18	87974	Holding Plate
19	87975	Foam Gasket
23	34826	8-32 x 1/4 RHMS (4)
24	89216	Brush Holder Clamp (2)
25	89215	Brush Holder Clip (2)
26	89214	Brush & Holder (2)
39	87980-01	Motor Assembly
42	88607	Foam Gasket
43	88608	Float Shut-off Plate (INC. 81)
44	87993	Float
45	33664	Spacer Nut (6)
46	87990	Motor Shroud & Bag Stretcher
47	88864-01	Filter Plate
48	87991	Gasket, Motor Shroud

Index No.	Part No.	Part Description
49	87992-02	Lid
50	46084	1/4 Flat Washer (6)
51	82100	1/4-20 x 1" Hex Hd. Screw (6)
52	54016	Poly Foam Sleeve
53	60436	Elastic Strap
54	60426	Clamp (3)
55	5533	6-32 x 3/8 R.H.S.M. Screw (6)
56	12226	6-32 Nut (6)
57	88675	Inlet Fitting
58	38462	Washer, Rubber (4)
59	87997	Handle (2)
60	88606	8 Gal. Tank
61	80624	10-24 x 5/8 Screw (2)
62	89137	Tank Clamp, 1/4-20 x 1 1/8
63	85963-73	Axle
64	62487	Spacer (2)
65	85963-71	Wheel (2)
66	56618-01	Push Nut (2)
67	81953	10-24 Cap Nut (2)
68	85963-47	Bumper
69	89136	Frame
70	85963-30	12-14 x 1/2 S.T. Screw
71	89135	Caster
73	54015	Paper Filter Bags (pkg. of 5)
74	54013	6" Brush
75	54011	6" Master Head
76	54014	10' x 1 1/2 Hose (Incls. 77 & 78)
77	88016	Hose End
78	38038	Hose End
79	393	5/16 Lock Washer
80	81956	5/16-18 Hex Nut

81	90791	Gasket
82	82237	10-24x5/16 Screw
83	82507	Lockwasher

PARTS NOT SHOWN

88947 Connection Diagram



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

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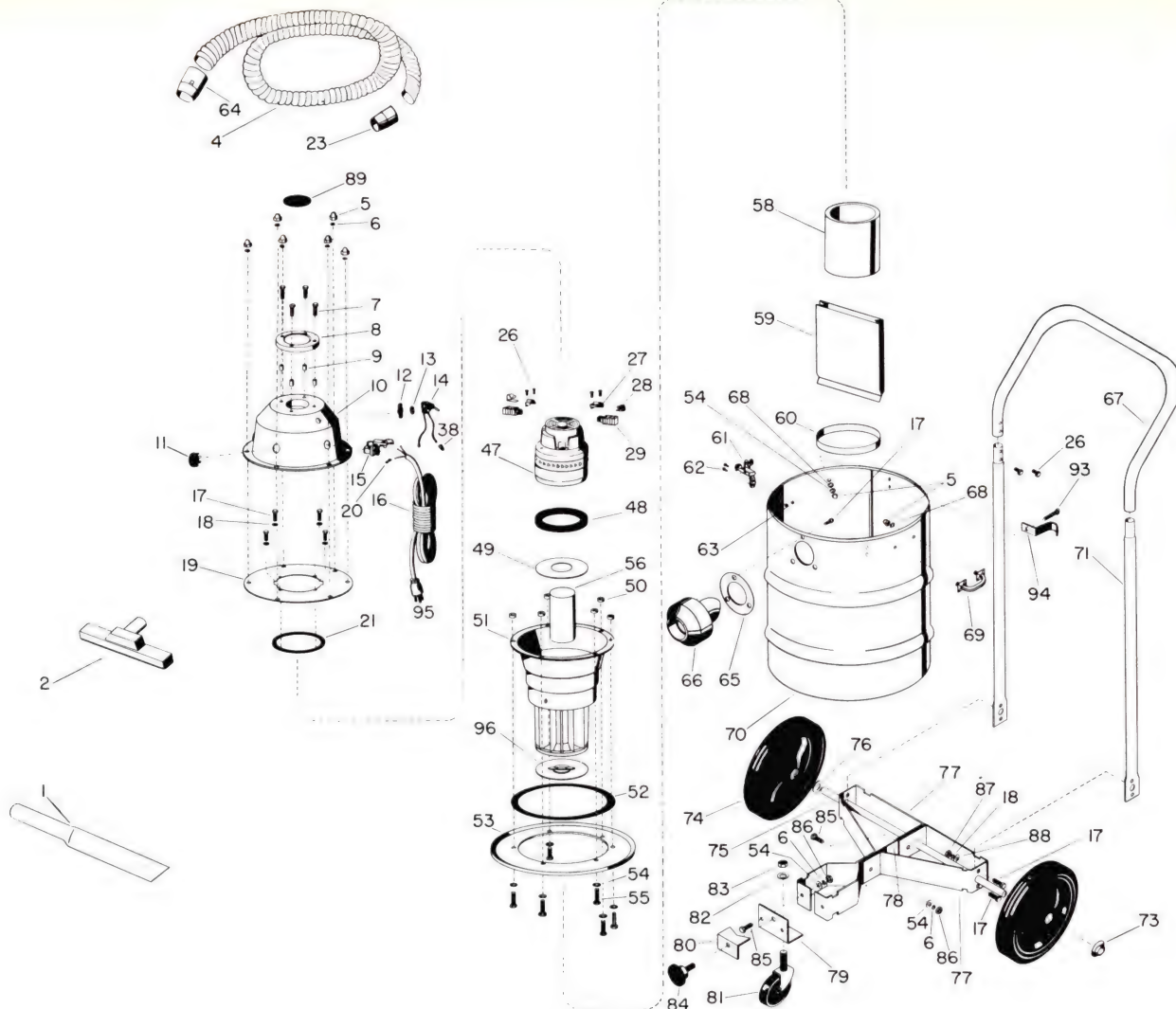
**No. 6620
WET-DRY VACUUM CLEANER**

Cat. No.	Volts	Type	Amps.
6620	120	50-60 HZ	1 5.5

THE BLACK & DECKER MFG. CO.
TOWSON, MD. 21204

Printed in U.S.A.

BULLETIN NO. 8057-2



Index No.	Part No.	Part Description
1	87963	Crevice Tool
2	89138	6" Nozzle
4	89141	10' x 1 1/2" Hose (Inc. 23, 64)
5	66966	1/4-20 Cap Nut (12)
6	84173	1/4 Lock Washer (10)
7	80625	#10-24 x 3/4 M.S. (4)
8	87970	Head Plate
9	87971	Spacer (4)
10	87972-01	Head Cover
11	87973	Screen Clip (5)
12	19326	Switch Plate
13	24699	15/32-32 Hex Nut
14	88288	Switch
15	48822	Strain Relief
16	72432-01	Cord & Plug
17	49298	10-24 x 1/2 Mach. Screw (11)
18	417	#10 Lock Washer (8)
19	87974	Holding Plate
20	34289	Lead Terminal
21	87975	Foam Gasket
23	88016	Hose End
26	34826	8-32 x 1/4 RHMS (8)
27	89216	Brush Holder Clamp (2)
28	89215	Brush Holder Clip (2)
29	89214	Brush & Holder (2)
38	32114	Wire Nut
47	87980	Motor Assembly
48	87988	Foam Gasket
49	87989	Float Shut-off Plate
50	99368-04	Spacer Nut (6)
51	87990	Motor Shroud & Bag Stretcher
52	87991	Gasket, Motor Shroud
53	87992-02	Lid

Index No.	Part No.	Part Description
54	46084	1/4 Flat Washer (12)
55	82100	1/4-20 x 1 Hex Hd. Screw (6)
56	87993	Float
58	87984	Poly Foam Filter
59	89078	Paper Filter Bag (pkg. of 5)
60	60436	Elastic Strap
61	60426	Clamp (3)
62	5533	6-32 x 3/8 R.H.S.M. Scr. (6)
63	12226	6-32 Nut (6)
64	88038	Hose End
66	88675	Inlet Fitting
67	87996	Handle (Cart)
68	38462	Washer, Rubber (6)
69	87997	Handle (Tank) (2)
70	88605	10 Gal. Tank
71	88003	Handle (Cart) (2)
73	88004	Push Nut 1/2 (2)
74	88005	Wheel (2)
75	88006	Rod-1/2 Dia. x 20"
76	88281	Spacer (2)
77	88007	Frame (2)
78	88008	Brace
79	88009	Plate
80	88010	Clip
81	88011	Caster
82	82511	1/2 Lock Washer
83	99366-07	7/16 Hex Nut
84	88012	Knob
85	99184-12	1/4-20 x 3/4 Hex Hd. Scr. (4)
86	72624	1/4-20 Hex Nut (4)
87	81953	10-24 Hex Nut (4)
88	99360-04	#10 Flat Washer (4)
89	88014-03	Nameplate

Index No.	Part No.	Part Description
93	82163	1/4-20 x 1/2 Hex Hd. Scr. (2)
94	88125	Handle Clamp (2)
95	70807	Attachment Plug
96	88864	Filter Plate

PARTS NOT SHOWN

88947 — Connection Diagram



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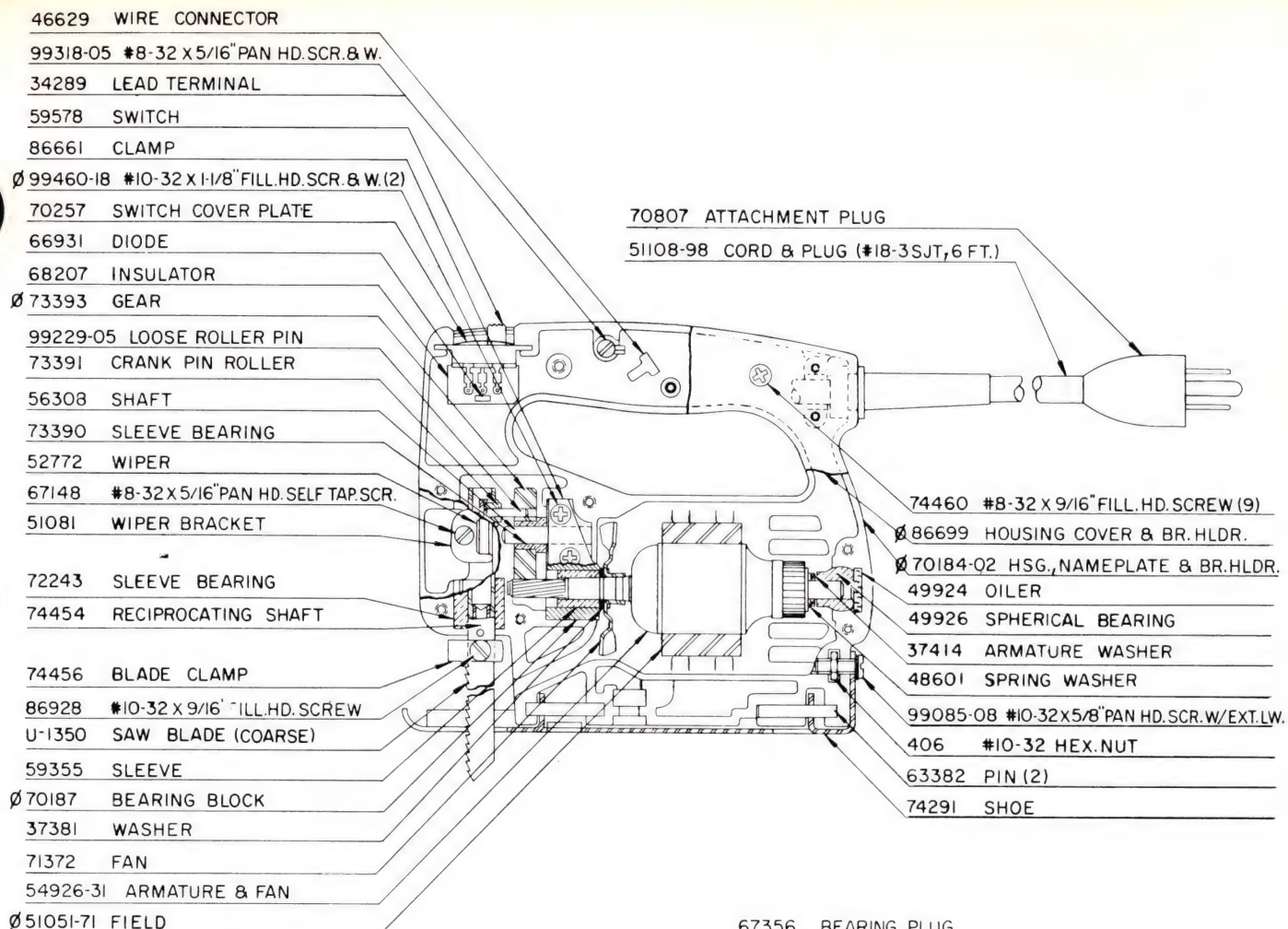
WET-DRY VACUUM CLEANER

Cat. No.	Volts	Type	Amps.
6635	120 AC	1	6.0

THE BLACK & DECKER MFG. CO.
TOWSON, MD. 21204

Printed in U.S.A.

BULLETIN NO. 8058



Ø NOTES

51051-71 (FLD.) INCL. 50182 (2) & 50230-01 (2).
 70184-02 (HSG., N/P, BR. HLDR.) INCL. 50233 & 57206-01.
 70187 (BRG. BLOCK) INCL. 56308 & 59355.
 73393 (GEAR) INCL. 73390 & 99229-05.
 86699 (HSG. COV. & BR. HLDR.) INCL. 50233.
 99460-18 (SCR.) TORQUE TO 20-25 IN. LBS.
 LUBRICATION-1/2 OZ. HEAVY DUTY GREASE, ML54-1.

PARTS NOT SHOWN

57206-01 NAMEPLATE
 67356 BEARING PLUG (ON 72243 SL. BRG.)
 68078 SPEED DESIGNATOR (ON HSG. COV.)
 87402 IDENTIFICATION STICKER
 68081 CONNECTION DIAGRAM

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY-
 REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE
 PERFORMED BY BLACK & DECKER SERVICE CENTERS OR
 OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS
 USING BLACK & DECKER REPLACEMENT PARTS.

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE NAMEPLATE
 INFORMATION AND PART NUMBERS.

EXTRA EQUIPMENT

U/C-2194 6 OZ. LUBRICANT
 71981-01 KIT BOX

NO. 6700

TYPE 1

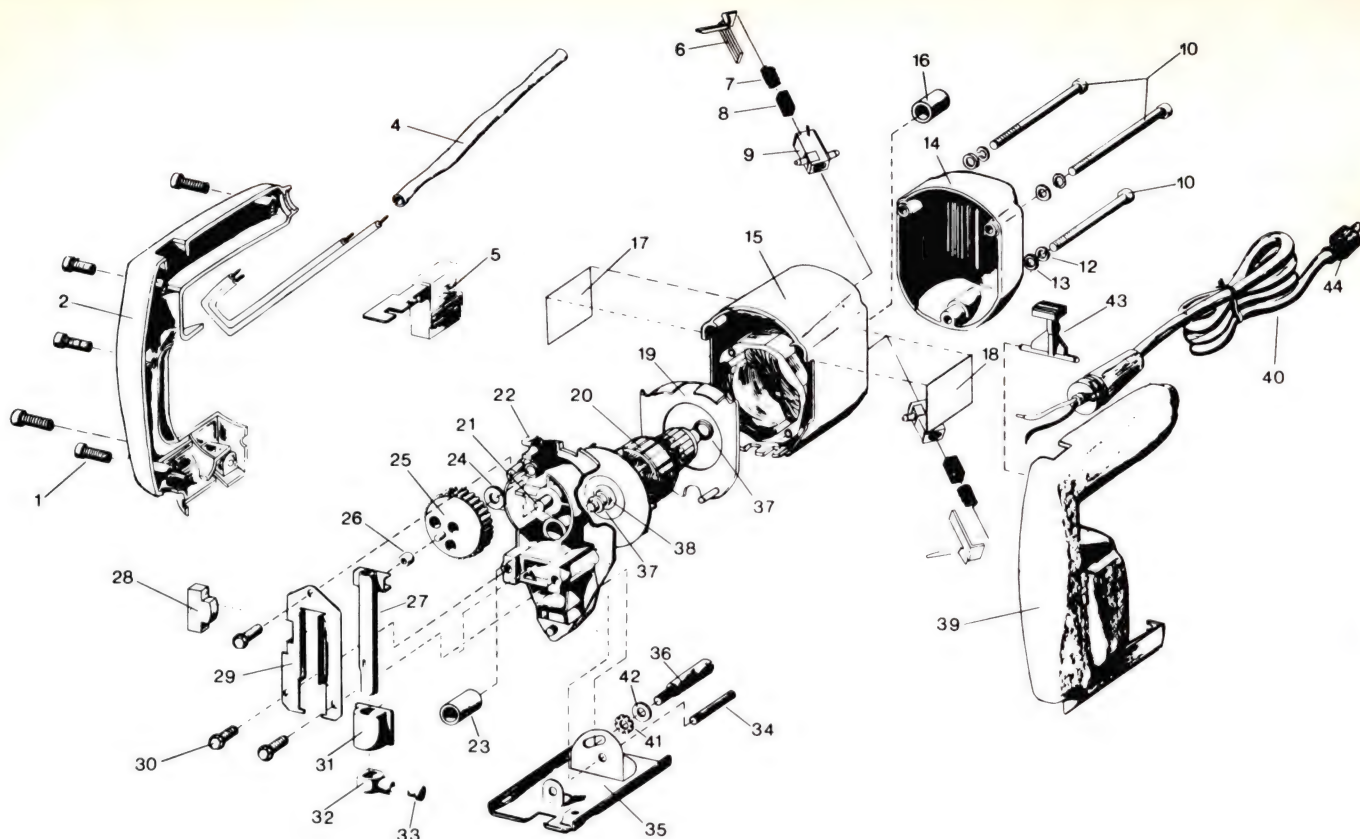
2 SPEED JIG SAW

VOLTS 120 AC • AMPS 2.5

MAX H.P. 1/7 • SPM HI-3000 LO-2500

THE BLACK & DECKER MFG. CO., TOWSON, MARYLAND

MADE IN U.S.A. | T.R.B. | F | BULLETIN NO. 8016



PARTS IDENTIFICATION

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
Ø 1	86964	Screw, Pan Head, Thread Forming	5	31	86403	Reciprocating Shaft Bearing	1
2	86385-01	Handle, Cover	1	32	74456	Blade Clamp	1
4	86404	Tubing	1	33	86928	10-32 x 9/16 Screw, Fillister Head	1
5	87653	Variable Speed Switch (120V)	1	34	696629	Pivot Pin	1
6	85942	Brush Plate	2	35	86394-01	Shoe	1
7	85943	Brush Spring	2	36	86406	8-32 x 7/16 Screw	1
8	85944	Brush (120V)	2	37	37381	Fibre Washer	2
9	85941	Brush Holder	2	Ø 38	85927	Spring Washer	1
Ø 10	85948-09	Screw, Pan Head	3	39	86384-01	Handle, Assembly Half	1
12	99387-03	Lock Washer	3	40	90678-02	Cord & Plug (120V)	1
13	85950	Flat Washer	3	41	33985	Star Washer	1
14	86398-01	End Cap	1	42	99359-07	Flat Washer	1
15	89191-04	Field Case & Field (Inc. 16, 17, 18,) (120V)	1	43	87656	Switch Actuator	1
16	85931	Sleeve Bearing	1	44	99586-02	Attachment Plug	1
17	57206-01	Nameplate	1				
18	87763	Identification Label	1				
19	85939	Fan Baffle	1				
20	88028-31	Armature & Fan (120V)	1				
21	86390	Shaft	1				
22	86388	Gear Case (Inc. 23 & 21)	1				
23	85908	Sleeve Bearing	1				
24	86962	Washer	1				
25	86391	Gear, Pin & Bearing	1				
26	88218	Roller	1				
27	85398	Reciprocating Shaft	1				
28	86395	Oil Wick	1				
29	86393	Bearing Clamp	1				
Ø 30	86405	Screw, Pan Head, Thread Forming	3				

NOTES:

- 1 Torque to 12-18 in.-lbs.
- 10 Torque to 8-10 in.-lbs.
- 30 Torque to 30-35 in.-lbs.
- 38 Assemble with concave side away from fan

LUBRICATION—½ oz. Grease No. ML54-1

PARTS NOT SHOWN

- 87652 Connection Diagram (See back of this sheet)



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

When servicing Double Insulated Tools, it is extremely important that ONLY IDENTICAL REPLACEMENT PARTS BE USED and that REASSEMBLY OF TOOL IS IDENTICAL TO THE ORIGINAL ASSEMBLY.

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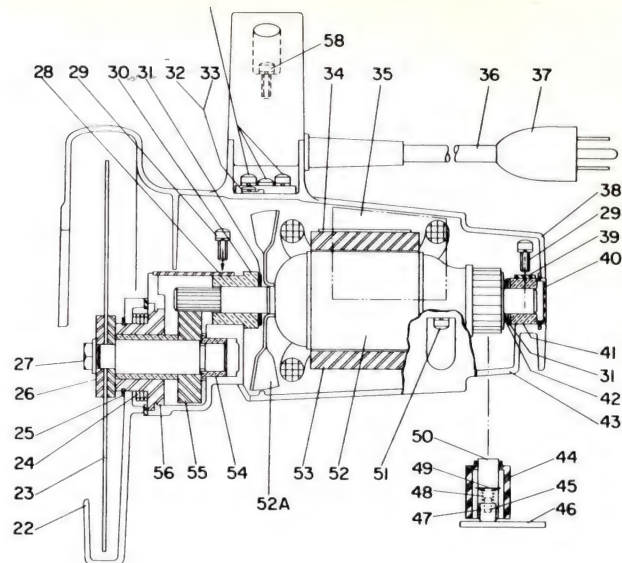
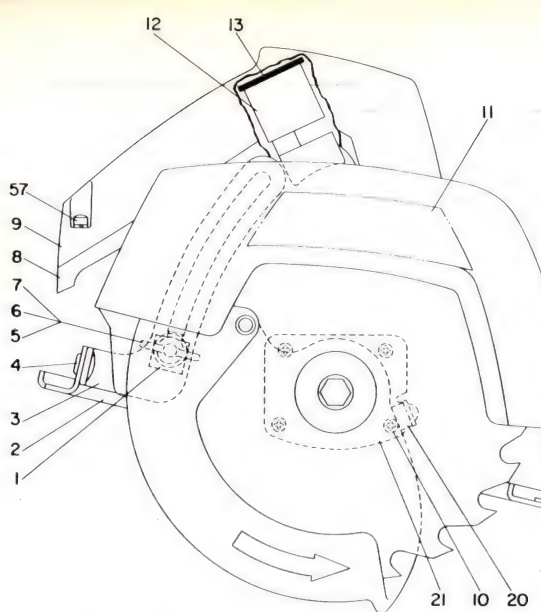
No. 6702 VARIABLE SPEED JIG SAW

Cat. No.	Volts	Type	Amps	SPM
6702	120	1	2.5	0-3200

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

BULLETIN NO. 8266



INDEX NO.	PART NO.	DESCRIPTION
1	68054	Guide Plate
2	66883	Shoe Assembly(Incl.Nos.3,4,15,17)
3	69038	Depth Adjustment Bracket
4	72356	Rivet
5	69521-01	1/4"-20 Wing Nut (2)
6	8871	Flat Washer
7	74023	1/4"-20 x 1" Carriage Bolt
8	66640-01	Switch Handle
9	66668	Switch Handle Cover
10	99452-06	#8-32 x 3/8" Fill.Hd.Scr.& W.(4)
11	73376	Decal
12	69863	Switch
13	50480	Rubber Pad
14	38916	1/4" Diam. Roll Pin
15	69837	Pivot Bracket
16	68335	1/4"-20 x 3/4" Carriage Bolt
17	72354	Rivet
20	68947	Bumper
21	69430	Retaining Plate & Bumper(Incl.No.20)
22	66639	Lower Guard
23	40034	7-1/4" Combination Blade
24	66677	Lower Guard Spring
25	66821	Retaining Ring
26	66627	Blade Clamp Washer (2)
27	70907	5/16"-24 Hex.Hd.Screw
28	66679	Bearing Clamp
29	99460-07	#10-32 x 7/16" Fill.Hd.Scr.& W.(7)
30	66659	Sleeve Bearing
31	54818	Washer (2)
32	52819	#8-32 x 3/8" Thr'd. Form.Scr.& W.(Gr'nd.)
33	34289	Lead Terminal
34	65922	Field Spring
35	66885	Nameplate
36	51108-98	Cord & Plug(#18-3 SJT,6')(Incl.No.37)
37	70807	Attachment Plug
38	66886	Housing Cover & Nameplate(Incl.No.35)
39	66680	Bearing Clamp
40	66815	Bearing Cover
41	66658	Sleeve Bearing
42	54831	Curved Washer
43	66656	Lower Housing & Brg.(Incl.No.54)
44	66635	Brush Holder (2)
45	55050	Rubber Plug (2)
46	66636	Brush Holder Cover (2)
47	69991	Brush Spring Cap (2)
48	70077	Brush Spring (2)
49	66637-01	Lead Terminal (2)

INDEX NO.	PART NO.	DESCRIPTION
50	66678	Brush (2)
51	99452-12	#8-32 x 3/4" Fill.Hd.Scr.& W.(6)
52	66631-31	Armature & Fan(120V)
52A	69865	Fan
53	66671-71	Field (120V)(Incl.No.49)
54	66657	Sleeve Bearing
55	66673	Spindle & Gear
56	66655	Sleeve Bearing & Retainer
57	68963	#8-32 x 3/8" Fill.Hd.Scr.& Ramp Conical Washer (2)
58	68964	#10-32 x 7/16" Fill.Hd.Scr.& Ramp Conical Washer

PARTS NOT SHOWN

67592 Wrench
66758 Connection Diagram
Lubrication - 3/4 oz. H.D. Grease, ML54-1

EXTRA EQUIPMENT

U-1615 Carrying Case

CAT.NO.3004

TYPE 1

7 1/4" CIRCULAR SAW

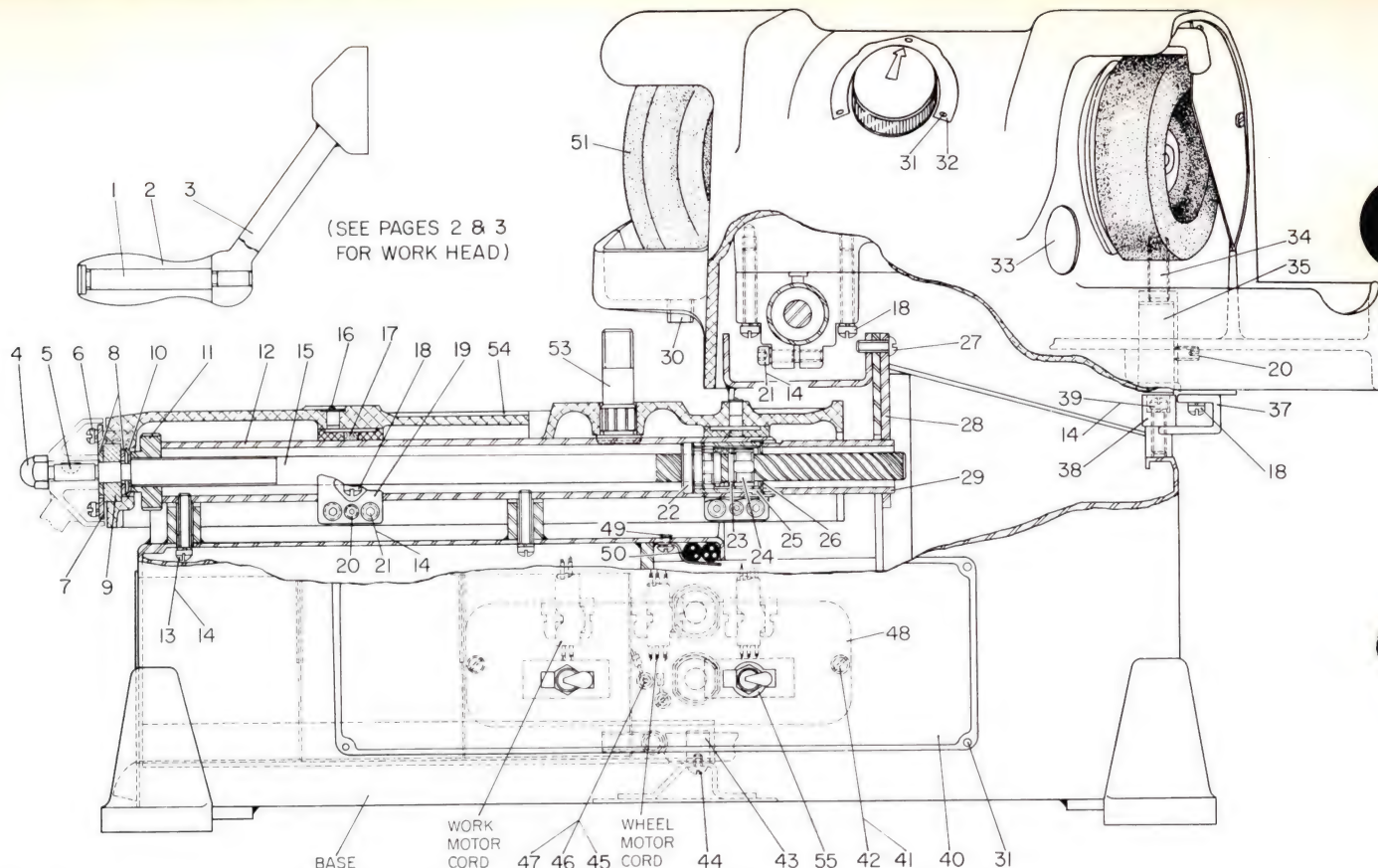
VOLTS 120 AC • AMPS 9.5
MAX H.P. 1-1/2 • R.P.M. 4700

THE BLACK & DECKER MFG.CO., TOWSON, MD.

MADE IN U.S.A. W.M.K. F BULLETIN NO.7006

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE
NAMEPLATE INFORMATION AND PART NUMBERS.

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE
PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING
BLACK & DECKER REPLACEMENT PARTS.



INDEX NO.	PART NO.	DESCRIPTION
1	31297	Pin
2	31301	Handle
3	34072	Crank Handle Assem. (Incl.Nos.1,2)
4	34082	5/16"-24 Acorn Nut
5	6954	Key
6	369	#10-32 x 3/4" Fill.Hd.Scr.& W.(2)
7	34063	Clamp Washer
8	34062	Thrust Washer (2)
9	34083	Feed Screw Bearing
10	34330	Cone Lock Washer
11	34061	Adjusting Nut
12	34064	Guide Tube
13	5762	1/4"-28 x 1" Fill.Hd.Scr. (2)
14	416	1/4" Lockwasher (15)
15	63001	Feed Screw
16	713	Oil Cup (2)
17	22804	Wick Oiler (2)
18	10043	1/4"-28 x 1-1/2" Fill.Hd.Scr.& W.(12)
19	34065	Guide Bearing (2)
20	31903	1/4"-28 x 1/2" Socket Set Screw (3)
21	16643	1/4"-28 x 1" Socket Hd.Cap Scr. (8)
22	34059	Feed Screw Nut
23	34086	Spring
24	34060	Feed Screw Adj. Nut
25	34084	Spacer
26	34145	Lockwasher
27	57300	1/4"-20 x 5/8" Rd.Hd.Self-Tap.Scr.(2)
28	57310	Outer Tube Support
29	57309	Guide Tube Extension
30	34321	Drain Pipe
31	3041	#2 x 3/16" Drive Screw (7)
32	34320	Coolant Plate
33	34329	Plug
34	34150	3/8"-24 x 1-1/4" Set Screw
35	34130	Jack Screw Plug
37	34073	Clamp (2)

INDEX NO.	PART NO.	DESCRIPTION
38	34132	Guide Bar
39	12601	1/4"-28 x 7/8" Fill.Hd.Scr. (3)
40	71612-01	Nameplate
41	6123	#10-32 x 1/4" Rd.Hd.Scr. (2)
42	417	#10 Lockwasher (2)
43	45332	Coolant Hose Clamp
44	36126	#10-32 x 3/8" Rd.Hd. Self-Tap.Scr.
45	4199-01	#6-32 x 3/16" Term.Scr. (2) (Grd.)
46	1991	#6 Lockwasher (2)
47	33315	Lead Terminal (2)
48	34134	Switch Cover
49	99326-08	#10-32 x 1/2" Rd.Hd.Scr. & W. (2)
50	34998	Cord Clamp (2)
51	34131	Grinding Wheel
53	34056	Clamp Stud
54	34045	Work Head Table
55	19326	Indicating Plate (2)

PARTS NOT SHOWN

11462	Pin Wrench
99056-04	Hex Wrench (1/8" A.F.)
99056-08	Hex Wrench (3/16" A.F.)
99056-10	Hex Wrench (7/32" A.F.)
34253	1 Gal. Grinding Oil
38065	Bumper (5/8" O.D. x 7/16" I.D. x 1" Lg.)
36004	Connection Diagram

EXTRA EQUIPMENT

34395	Refacer Dust Cover
-------	--------------------

VALVE REFAKER

Cat.No.6300, Type A • Total Volts 120 AC/DC • Amps 9
 Cat.No.6305, Type A • Total Volts 120 AC/DC • Amps 9
 Work Head Motor • Volts 120 AC/DC • Amps 1.5
 Wheel Head Motor • Volts 120 AC/DC • Amps 7.5
 Cat.No.6300-01, Type A • Total Volts 220 AC/DC • Amps 4.
 Cat.No.6305-01, Type A • Total Volts 220 AC/DC • Amps 4.7
 Work Head Motor • Volts 220 AC/DC • Amps .8
 Wheel Head Motor • Volts 220 AC/DC • Amps 3.9

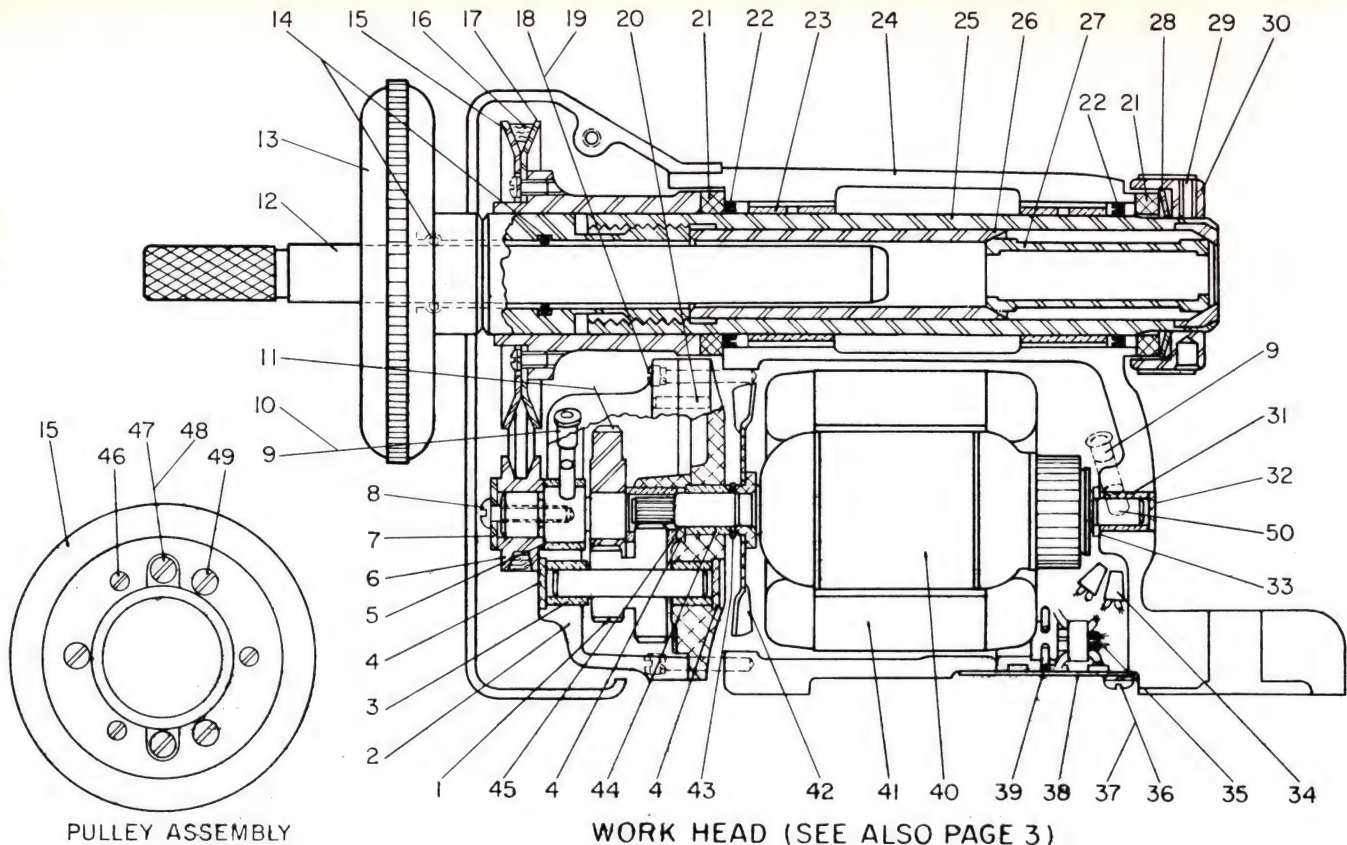
Use Grinding Wheels Suitable for 5500 RPM

THE BLACK & DECKER MFG.CO., TOWSON, MARYLAND

MADE IN U.S.A. PAGE 1 G BULLETIN NO.8013

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE NAMEPLATE INFORMATION AND PART NUMBERS.

IMPORTANT! TO ASSURE PRODUCT SAFETY AND RELIABILITY - REPAIRS, MAINTENANCE AND ADJUSTMENTS SHOULD BE PERFORMED BY BLACK & DECKER SERVICE CENTERS OR OTHER QUALIFIED SERVICE ORGANIZATIONS, ALWAYS USING BLACK & DECKER REPLACEMENT PARTS.

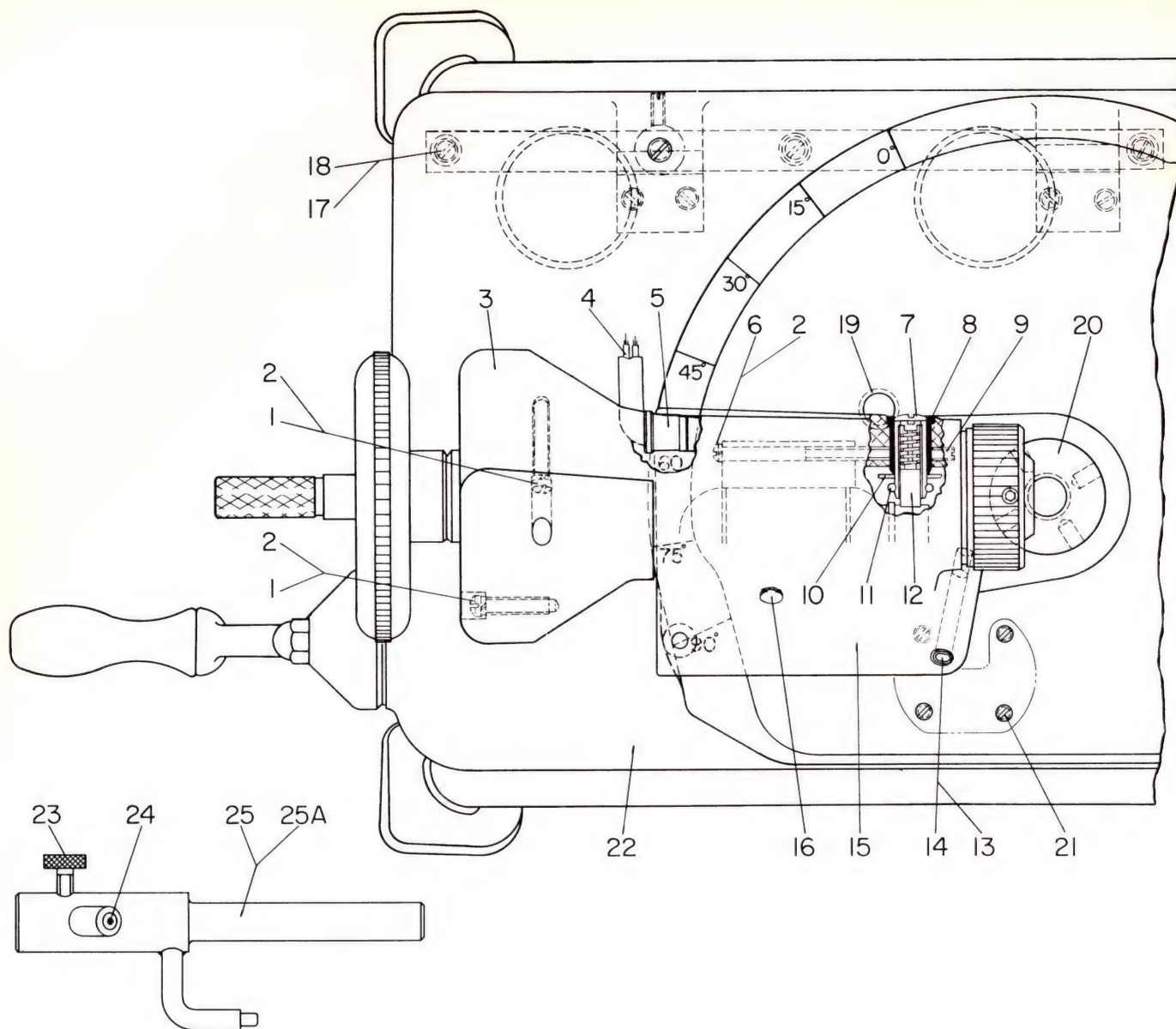


PULLEY ASSEMBLY

WORK HEAD (SEE ALSO PAGE 3)

INDEX NO.	PART NO.	DESCRIPTION	INDEX NO.	PART NO.	DESCRIPTION
1	37230	Intermediate Gear & Pinion	35	37406	Cord Lead Tubing (2)
2	37555	Gear Case & Cover - (Incl.Nos.3,4,5,9,10,20,44,45)	36	34826	#8-32 x 5/16" Binding Hd.Scr. (2)
3	37580	Sleeve Bearing (2)	37	33985	#8 Shakeproof Lockwasher (2)
4	37232	Bearing Plug (3)	38	37037	Splash Plate
5	36855	Pulley Bearing	39	8033	Cord Clamp
6	36818	Drive Pulley	40	36816-31	Armature (120V)
7	37227	Washer	41	36816-71	Field (120V)
8	37365	#10-32 x 1/2" Rd.Hd.Scr. (L.H.)	42	37246-01	Fan
9	713	Oil Cup (2)	43	36820	Armature Washer
10	37372	Wick Oiler	44	36826	Sleeve Bearing
11	37231	Spindle & Gear	45	37578	Sleeve Bearing
12	37387	Stop Rod	46	36885	#10-32 x 3/8" Set Screw (3)
13	37234	Adjusting Screw (Incl.No.14)	47	2178	#8-32 x 3/8" Fill.Hd.Scr. (2)
14	37388	Rubber Washer (2)	48	418	#8 Lockwasher (2)
15	61964	Pulley (Adj. Part)	49	57301	#8-32 x 5/8" Rd.Hd.Long Lok Scr.(3)
16	37366	"V" Belt	50	4166	Felt Wick
17	57304	Pulley (Fixed Part)	PARTS NOT SHOWN		
18	641	#10-32 x 1-1/4" Fill.Hd.Scr. (3)			
19	417	#10 Lockwasher (3)	37345	Connection Diagram	
20	37637	Dowel Pin	EXTRA EQUIPMENT		
21	36828	Thrust Washer (2)			
22	34148	Grease Seal (2)	17745	Collet (1/2" to 11/16") (Short)	
23	36889	Sleeve Bearing (2)	22211	Collet (9/16" to 3/4")	
24	57331-31	Work Head Assembly - (Incl.Nos.1 thru 50 on this page & Nos.1 thru 16 on pg.3)	36552	Collet & Spacer Assem.(Incl.16731,33282)	
25	57332	Spindle & Hub	16731	Spacer	
26	22209	Collet Sleeve	33282	Collet (7/32" to 29/64")	
27	18325	Collet (9/32"-9/16")	SPECIAL PARTS FOR CAT.NO.6300-01, TYPE A (220V) CAT.NO.6305-01, TYPE A (220V)		
28	37363	Wavy Washer			
29	36886	1/4"-28 x 3/8" Set Screw (2)	57331-35	Work Head Assembly	
30	36822	Spindle Collar	36816-35	Armature	
31	37579	Sleeve Bearing	36816-75	Field	
32	33981	Bearing Plug	VALVE REFACER		
33	37381	Armature Washer			
34	32114	Wire Connector (2)	Cat.Nos.6300,Type A & 6300-01,Type A Cat.Nos.6305,Type A & 6305-01,Type A		

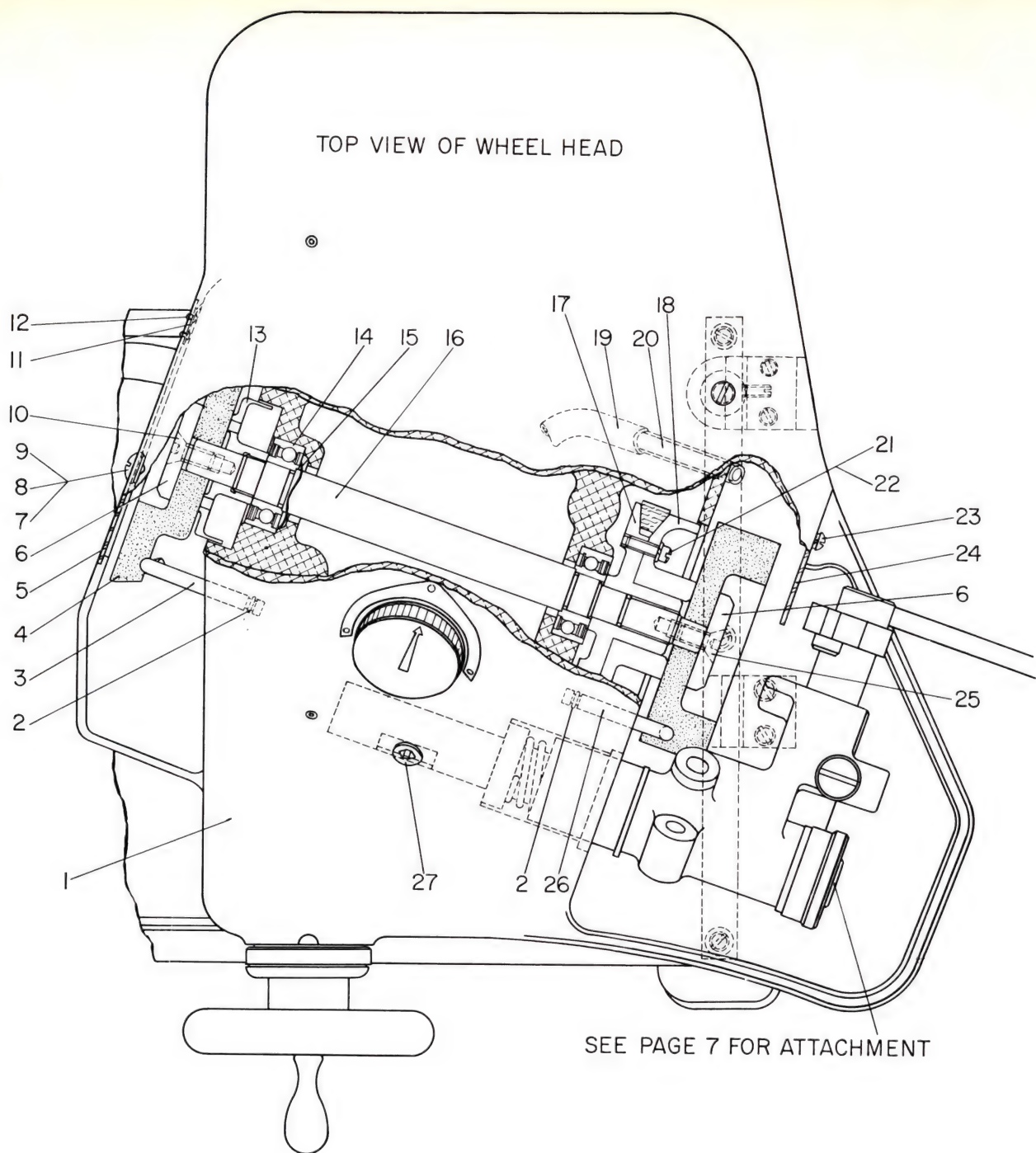
FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE
NAMEPLATE INFORMATION AND PART NUMBERS.



INDEX NO.	PART NO.	DESCRIPTION	INDEX NO.	PART NO.	DESCRIPTION
1	366	#10-32 x 1" Fill.Hd. Screw (3)	16	2620	Oil Cup
2	417	#10 Lock Washer (5)	17	12601	1/4"- 28 x 7/8" Fill.Hd.Scr.(3)
3	36810	Pulley Guard Assem. (Incl.Nos.1,2)	18	416	1/4" Lock Washer (3)
4	37383	Work Motor Cord (Incl.33315 Term.)	19	34069	Drain Pipe
5	37376	Cable Sleeve	20	11052	Clamp Stud Nut
6	12400	#10-32 x 2-1/2" Rd.Hd.Scr. (2)	21	375	#10-32 x 3/8" Rd.Hd. Scr. (4)
7	7441	Brush Holder Plug (2)	22	34045	Work Head Table
8	7642	Brush Holder (2)	23	15293	Locator Screw
9	376	#10-32 x 3/8" Set Screw (2)	24	5574	Diamond Dresser
10	38012	Insulating Shield (2)	25	58121	Diamond Holder Assem.-
11	3353	Brush Lead Terminal (2)			(Incl.Nos.23,25A)
12	19890	Brush Assembly (2)	25A	58118	Diamond Holder
13	713	Oil Cup			
14	4166	Felt Wick			
15	37378	Work Head Housing -			
		(Incl.Nos.5,13,14,16,			
		33981 Brg. Plug, 36889 Sl.Brg.,			
		37579 Sl.Brg.)			

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE NAMEPLATE INFORMATION AND PART NUMBERS.

VALVE REFACTOR		
Cat.Nos.6300,Type A & 6300-01,Type A		
Cat.Nos.6305,Type A & 6305-01,Type A		
Page 3	F	Bulletin No. 8013-B

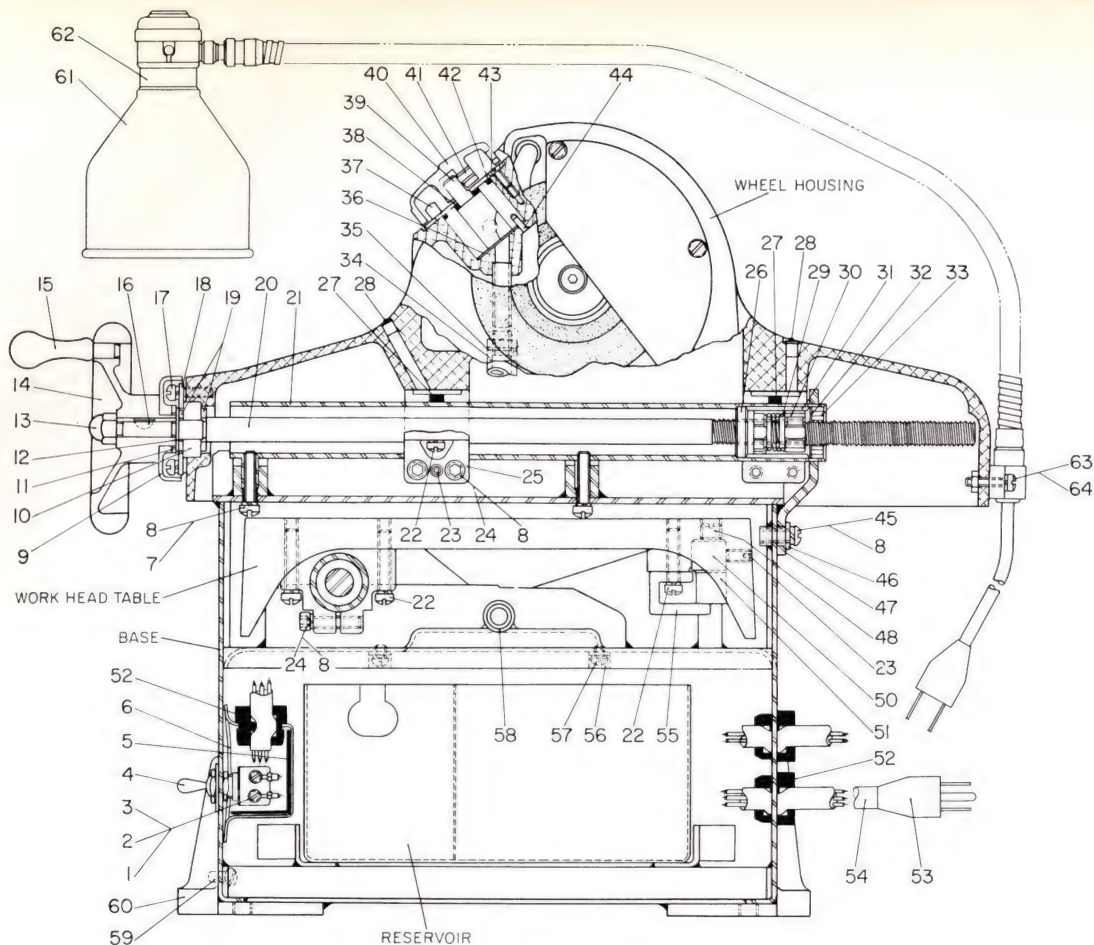


INDEX NO.	PART NO.	DESCRIPTION
1	34094-01	Wheel Housing
2	34158	Rubber Washer (2)
3	34655	Nozzle Assembly (Incl.No.2)
4	34131	Grinding Wheel
5	34164	Wheel Cover Assembly - (Incl.Nos.7,8,9,11,12)
6	33294	Clamp Washer (2)
7	32128	Rivet
8	11078	Washer
9	32127	Spring Lock
10	34133	5/16"-18" x 3/4" Flat Hd.Scr. (L.H.)
11	34533	Leaf Spring (2)
12	12227	3/32" x 1/8" Rd.Hd. Rivet (4)
13	34097	Inner Clamp Washer
14	14705	Ball Bearing (2)
15	36595	Wavy Washer

INDEX NO.	PART NO.	DESCRIPTION
16	34096	Spindle
17	34098-01	Wheel Spindle Pulley
18	34155-01	Wheel Spindle Pulley
19	22066	Coolant Hose
20	21357	Outlet Tube
21	367	#10-32 x 5/8" Fill.Hd.Scr. (3)
22	417	#10 Lock Washer (3)
23	99326-08	#10-32 x 1/2" Rd.Hd.Scr. & W.(2)
24	51329	Wheel Cover
25	33295	5/16"-18 x 3/4" Flat Hd.Scr.
26	34656	Nozzle Assembly (Incl.No.2)
27	18246	7/16"-14 x 3/8" Socket Set Screw

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE
NAMEPLATE INFORMATION AND PART NUMBERS.

VALVE REFACTOR		
Cat.Nos.6300, Type A & 6300-01, Type A		
Cat.Nos.6305, Type A & 6305-01, Type A		
Page 4	F	Bulletin No. 8013-C



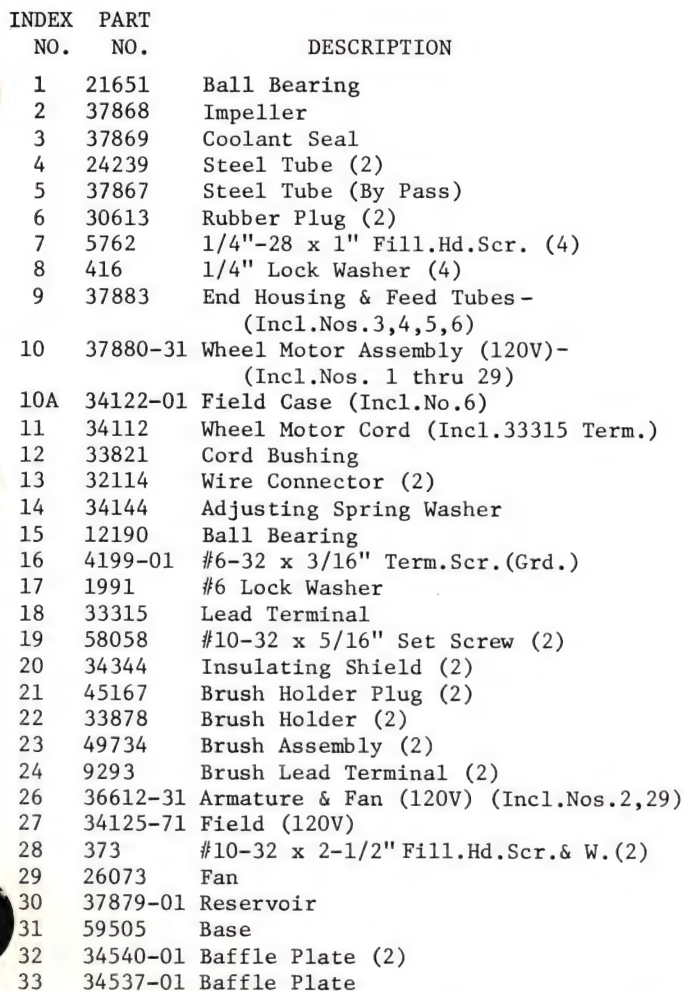
INDEX NO.	PART NO.	DESCRIPTION	INDEX NO.	PART NO.	DESCRIPTION
1	20405	#5-40 x 1/4" Bind.Hd.Scr. (8)	37	34172	Clamp Plate & Stud
2	1991	#6 Lock Washer (8)	38	37882	Rubber Washer
3	33315	Lead Terminal (8)	39	37877	Coolant Valve (Incl.No.38)
4	37502	Switch (2) (Incl.No.1)	40	34115	Coolant Control Knob
5	34595	Switch Insulator	41	21192	1/4"-28 x 1/4" Socket Set Screw
6	34134	Switch Cover	42	34159	Rubber Washer
7	5762	1/4"-28 x 1" Fill.Hd.Scr. (2)	43	638	#8-32 x 1/2" Flat Hd.Scr. (3)
8	416	1/4" Lock Washer (12)	44	45	Pin
9	34106	Hand Wheel Indicator	45	57300	1/4"-20 x 5/8" Rd.Hd.Self-Tap.Scr.(2)
10	34083	Feed Screw Bearing	46	8871	Flat Washer (2)
11	34081	Adjustable Spring Washer	47	37259	Outer Tube Support
12	34330	Cone Lock Washer	48	34110	3/8"-24 x 5/16" Set Screw
13	34082	5/16"-24 Acorn Nut	50	34075	Jack Screw Plug
14	34105	Hand Wheel Assem. (Incl.No.15)	51	34132	Guide Bar
15	5195	Handle	52	33821	Cord Bushing (5)
16	6954	Key	53	70807	Attachment Plug (120V)
17	369	#10-32 x 3/4" Fill.Hd.Scr. & W. (2)	54	36495-98	Cord & Plug (#16-3S-15Ft.) (120V)
18	34063	Clamp Washer	55	34073	Clamp (2)
19	34062	Thrust Washer (2)	56	34998	Cord Clamp (2)
20	34104	Feed Screw	57	99326-08	#10-32 x 1/2" Rd.Hd.Scr. & W. (2)
21	34064	Guide Tube	58	22066	Coolant Hose
22	10043	1/4"-28 x 1-1/2" Fill.Hd.Scr.& W.(12)	59	57330	1/4"-20 x 5/8" Rd.Hd.Self-Tap.Scr.(4)
23	31903	1/4"-28 x 1/2" Socket Set Screw (3)	60	34529	Foot (4)
24	16643	1/4"-28 x 1" Socket Hd.Scr. (8)	61	22852	Lamp Shade
25	34065	Guide Bearing (2)	62	46305	Light & Bracket Assem. (Incl.No.61)
26	34138	Feed Screw Nut	63	369	#10-32 x 3/4" Fill.Hd.Scr. & W. (2)
27	22804	Wick Oiler (2)	64	406	#10-32 Hex Nut (2)
28	713	Oil Cup (2)			
29	34086	Spring			
30	34139	Adjusting Nut			
31	34084	Spacer			
32	34145	Lock Washer			
33	34102	Locking Screw			
34	37871	Coolant Hose			
35	45332	Hose Clamp			
36	34360	Gasket			

SPECIAL PARTS FOR CAT.NO.6300-01, TYPE A (220V)
CAT.NO.6305-01, TYPE A (220V)

99586-04 Attachment Plug
37141-98 Cord & Plug (#16-3S-10FT.)

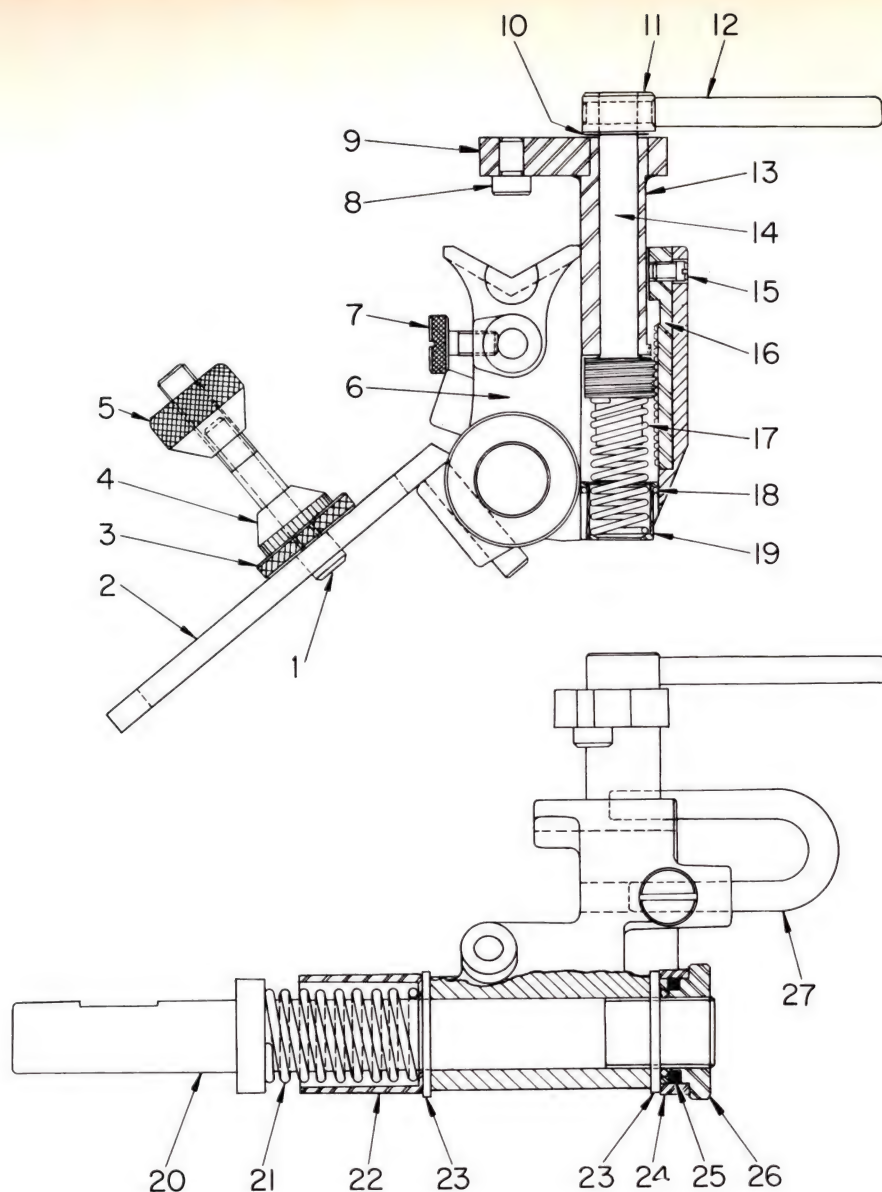
VALVE REFACER		
Cat.Nos.6300,Type A & 6300-01,Type A		
Cat.Nos.6305,Type A & 6300-01,Type A		
Page 5	G	Bulletin No. 8013-D

FOR PARTS OR SERVICE - ALWAYS FURNISH COMPLETE
NAMEPLATE INFORMATION AND PART NUMBERS.



INDEX NO.	PART NO.	DESCRIPTION
34	38132	Instruction Plate
35	37865	Disconnect Coupling Elbow
36	37888	Coupling Elbow Assembly
37	37870	Coolant Hose (2-7/8" Lg.)
38	37871	Coolant Hose (By Pass)(12-1/2" Lg.)
39	45332	Hose Clamp (5)
40	37872	Coolant Hose (5-1/2" Lg.)
41	34135	Wheel Motor Belt
42	34123	Motor Pulley
43	21192	1/4"-28 x 1/4" Socket Set Screw
44	36594	3/8"-16 Locking Nut (5)
45	36593	3/8"-16 x 1-3/4" Carriage Bolt
46	36592	3/8"-16 x 1-1/4" Carriage Bolt (4)
47	36591	Grommet (4)
48	12024	Washer (4)
49	36601	Motor Mount Assembly - (Incl.Nos.44,45,46,47,48,49A,50)
49A	36617	Motor Mount
50	36596	Bushing
51	14795	Spring Ring (2)
52	34121	Motor Pivot Rod
PARTS NOT SHOWN		
34603	Connection Diagram	
SPECIAL PARTS FOR CAT.NO.6300-01, TYPE A (220V)		
CAT.NO.6305-01, TYPE A (220V)		
37880-35	Wheel Motor Assembly	
36612-35	Armature & Fan	
34125-75	Field	

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INDEX NO.	PART NO.	DESCRIPTION
1	20948	Stud
2	20951	Rocker Arm Slide
3	20947	Lock Nut
4	36085	Shaft & Lower Cone
5	36082	Upper Cone
6	59390	Swivel Bracket
7	34742	Locking Screw
8	34747	Locking Spud
9	34754	Clamp
10	7083	Washer
11	34745	Collar
12	34744	Handle
13	34755	Clamp Guide Assem.- (Incl.Nos.8,9,10,11,12,14)
14	34749	Locking Shaft
15	34991	Rack Screw
16	34750	Rack
17	34751	Locking Shaft Spring
18	34992	Spring Ring
19	34752	Spring Cup
20	16508	Swivel Shaft
21	15278	Swivel Shaft Spring

INDEX NO.	PART NO.	DESCRIPTION
22	24204	Spring Cover
23	15276	Shaft Washer (2)
24	34845	Swivel Nut Dial
25	51262	"O" Ring
26	34846	Swivel Nut & Ball Assem.- (Incl.Nos.24,25)
27	36086	Adjustable Stop

PARTS NOT SHOWN

20939 4" Cup Grinding Wheel

EXTRA EQUIPMENT

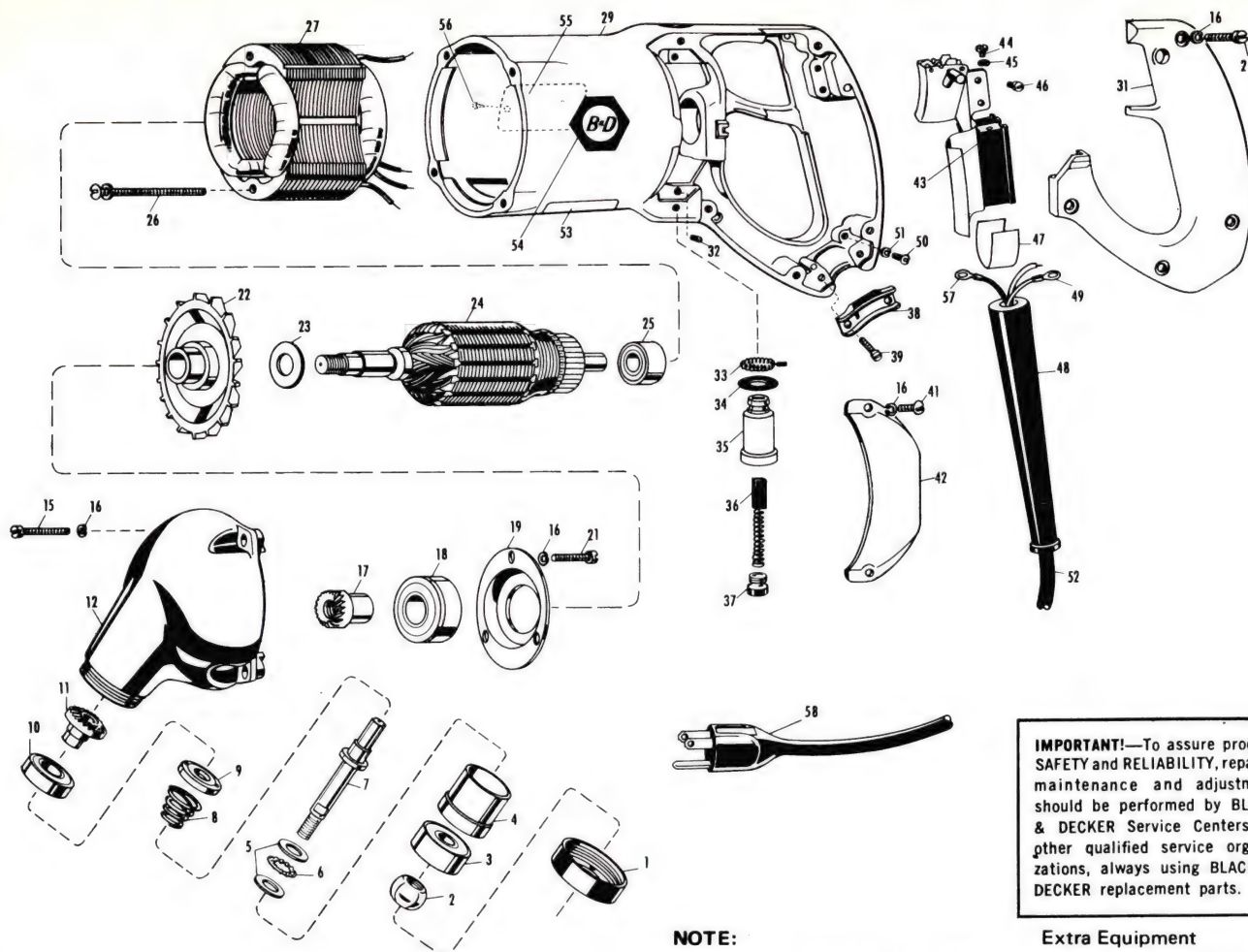
19983 Set of Cutters
34743 Valve Stem Holder

FOR PARTS OR SERVICE - ALWAYS
FURNISH COMPLETE NAMEPLATE
INFORMATION AND PART NUMBERS

VALVE STEM & ROCKER ARM GRINDING ATTACHMENT

Standard Equipment for Cat.Nos.6305 & 6305-01
Extra Equipment for Cat.Nos.6300 & 6300-01

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IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

NOTE:
Lubrication - ¼ oz B-D #58 Grease

Extra Equipment
49794 1pt. can (B-D #58)

Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	24439	Bearing Cap	1	27	72340-71	Field, 115V (Cat. No. 6320)	1	51	418	#8 Lockwasher	1
2	23856	Spindle Ball	1		72340-75	Field, 220V (Cat. No. 6320-01)	1	52	36480-98	Cord & Plug, 115V (18-3SJ, 10ft.) (Cat. No. 6320)	1
3	23866	Ball Bearing	1						37142-98	Cord & Plug, 220V (18-3SJ, 10 ft.) (Cat. No. 6320-01)	1
4	23848	Spacer	1	29	23479-04	Field & Switch Case (Includes 16, 21, 31)	1	53	68825	Instruction Plate	1
5	23471	Ball Thrust Washer	2	31	23462-01	Switch Handle Cover	1	54	57468	Hex Sticker	1
6		Thrust Ball Retainer	1	32	58058	#10-32 x 5/16 Set Screw	2	55	72415-02	Nameplate	1
7	72057	Spindle	1	33	3353	Brush Lead Terminal	2	56	3041	#2 x 3/16 Drive Screw	2
8	23470	Spindle Spring	1	34	87212	Insulating Washer	2	57	33315	Terminal	4
9	23852	Lock Nut	1	35	7642	Brush Holder	2	58	70807	Attachment Plug, 115V (Cat. No. 6320)	1
10	19824	Ball Bearing	1	36	19890	Brush Assembly	2		99586-04	Attachment Plug, 220V (Cat. No. 6320-01)	1
11	74853	Spindle Gear	1	37	7441	Brush Holder Plug	2				
12	86915	Gear Case	1	38	3618	Cord Clamp	1				
15	366	#10-32 x 1 Fill H.M. Screw	4	39	1789	#8 32 x ½ Fill. H.M. Screw	2				
16	417	#10 Lockwasher	15	41	375	#10-32 x ¾ R.H.M. Screw	4				
17	74854-01	Armature Pinion	1	42	21235	Brush Cover	2				
18	50706	Ball Bearing	1	43	14818	Switch	1				
19	16280	Bearing Plate	1	44	20405	#5-40 x ¼ Terminal Screw	4				
21	367	#10-32 x ¾ Fill H.M. Screw	7	45	1991	#6 Lockwasher	4				
22	72393	Fan	1	46	1988	#8-32 x ¼ R.H.M.S. & Washer	2				
23	50578	Washer	1	47	66076	Switch Insulator	1				
24	72339-31	Armature, 115V (Cat. No. 6320)	1	48	22328	Cord Protector	1				
	72339-35	Armature, 220V (Cat. No. 6320-01)	1	49	34289	Lead Terminal	1				
25	14328	Ball Bearing	1	50	7895	#8-32 x ¼ R.H.M. Screw	1				
26	6125	#10-32 x 2¼ R.H.M.S. & Washer	2								

PARTS NOT SHOWN

61532 Connection Diagram

55° HD VIBRO-CENTRIC DRIVER

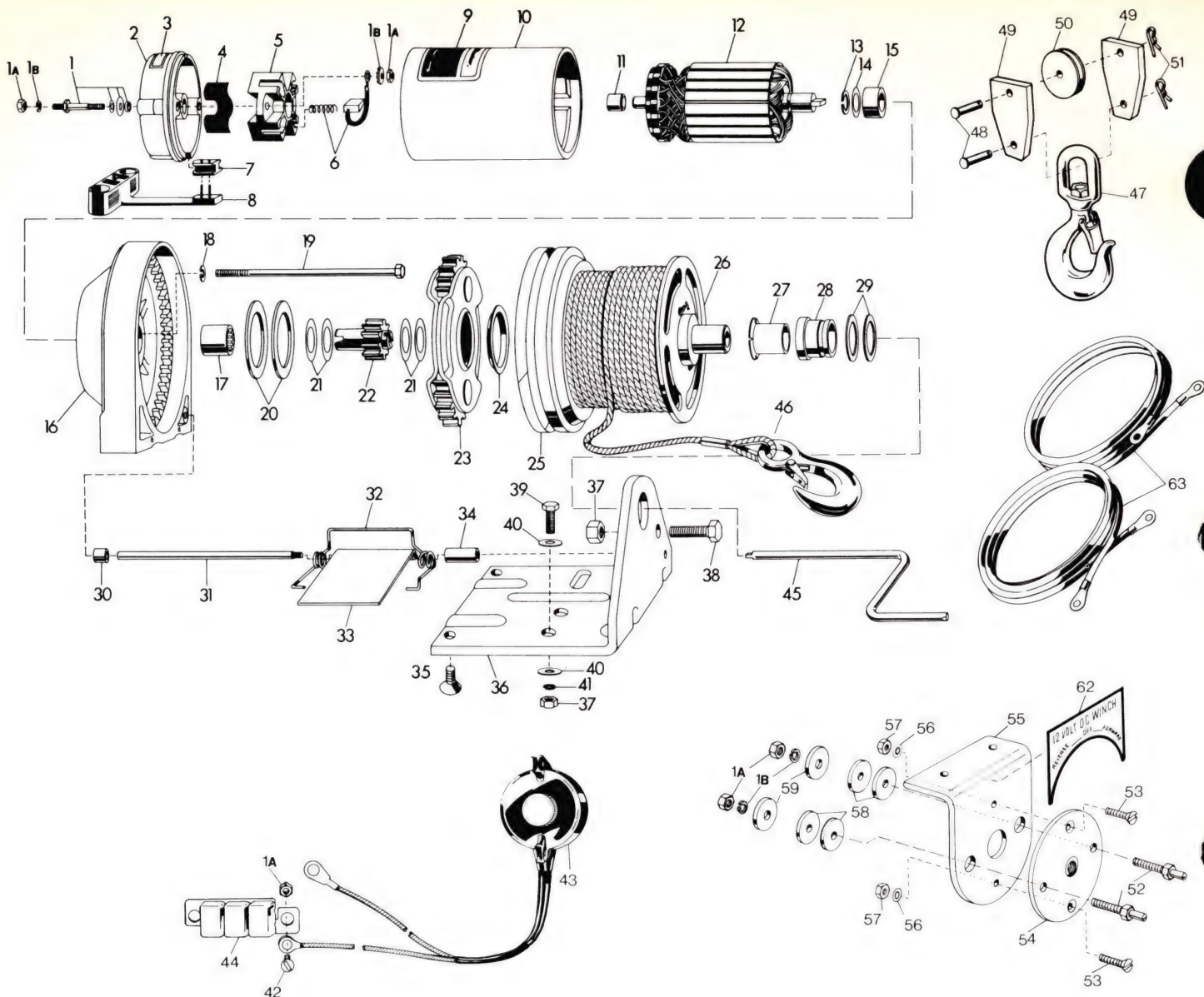
Cat. No.	Volts	Type	Amps.	R.P.M.
6320	120	2	7.0	12000
6320-01	220	2	3.6	12000

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Made in U.S.A.

Bulletin No. 7032-2

WHEN ORDERING REPLACEMENT PARTS, YOU MUST GIVE NAME OF UNIT TYPE & CATALOG NUMBER AS SHOWN ON NAMEPLATE, PLUS PART NUMBER & NAME OF PART NEEDED.



Index No.	Part No.	Description	Qty.
1	91474	Stud, Nut, & Wash. (Incl. 1A, 1B)	2
1A	406	#10-32 Nut	7
1B	417	#10 Lock Washer	6
2	91471	End Cap (Incl. #11)	1
3	91750	Label	1
4	91469	Insulation	2
5	91450	Brush Holder	1
6	91755	Brush & Spring Kit	1
7	91760	Plug	1
8	91470	Stud Protector	1
9	89684-04	Nameplate	1
10	91472	Motor Housing	1
11	92419	Sleeve Bearing	1
12	91473	Armature (Incl. #13)	1
13	91468	Ret. Ring	1
14	91467	Washer	1
15	92426	Sleeve Bearing	1
16	91457	Gear Housing (Incl. #15, & 17)	1
17	92425	Needle Bearing	1
18	416	1/4 Lock Washer	2
19	91466	1/4-20 Hex. Head Screw	2
20	91453	Washer	2
21	91452	Washer	4
22	91448	Gear	1
23	91455	Gear Assembly	1
24	91454	Nylon Ring	1
25	91446	Nylon Strip	1
26	91458	Spool	1
27	91447	Nylon Bushing	1
28	91449	Bushing	1

Index No.	Part No.	Description	Qty.
29	91451	Washer (.020 thick)	AR
	91451-01	Washer (.032 thick)	AR
	91451-02	Washer (.042 thick)	AR
30	91465	Spacer	1
31	91461	10-32 Screw	1
32	91460	Spring	1
33	92179	Level Wind Kit (Incl. #30, 31, 32, & 34)	1
34	91464	Spacer	1
35	91462	5/16-18 Screw	2
36	91456	Bracket	1
37	411	3/8-16 Nut	3
38	91463	Stud Lock Bolt	1
39	82105	3/8-16 Screw	2
40	421	3/8 Washer	4
41	415	3/8 Lock Washer	2
42	375	#10-32 Screw	1
	60004	Switch, Harness & Circuit Breaker (Incl. 43 & 44)	1
43	92422	Switch & Harness (8')	1
44	91759	Circuit Breaker (3-40 amp)	1
45	89688	Manual Crank	1
46	90856	Cable & Hook	1
47	60002	Pulley Block (Incl. 48, 49, 50, & 51)	2
48	92420	Pin	2
49	92418	Plate	2
50	92421	Pulley	1
51	62455	Clip	2
	60006	Switch Plate Kit (Incl. 52-62)	1

Index No.	Part No.	Description	Qty.
52	92241	Stud	2
53	638	8-32 Screw	2
54	92240	Switch Plate	1
55	91475	Dash Mounting Bracket	1
56	36700	#8 Lock Washer	2
57	407	#8-32 Nut	2
58	92242	Fiber Washer	4
59	92243	Washer	2
62	92145	Label	1
63	60005	10' Motor Harness (pair)	1



IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

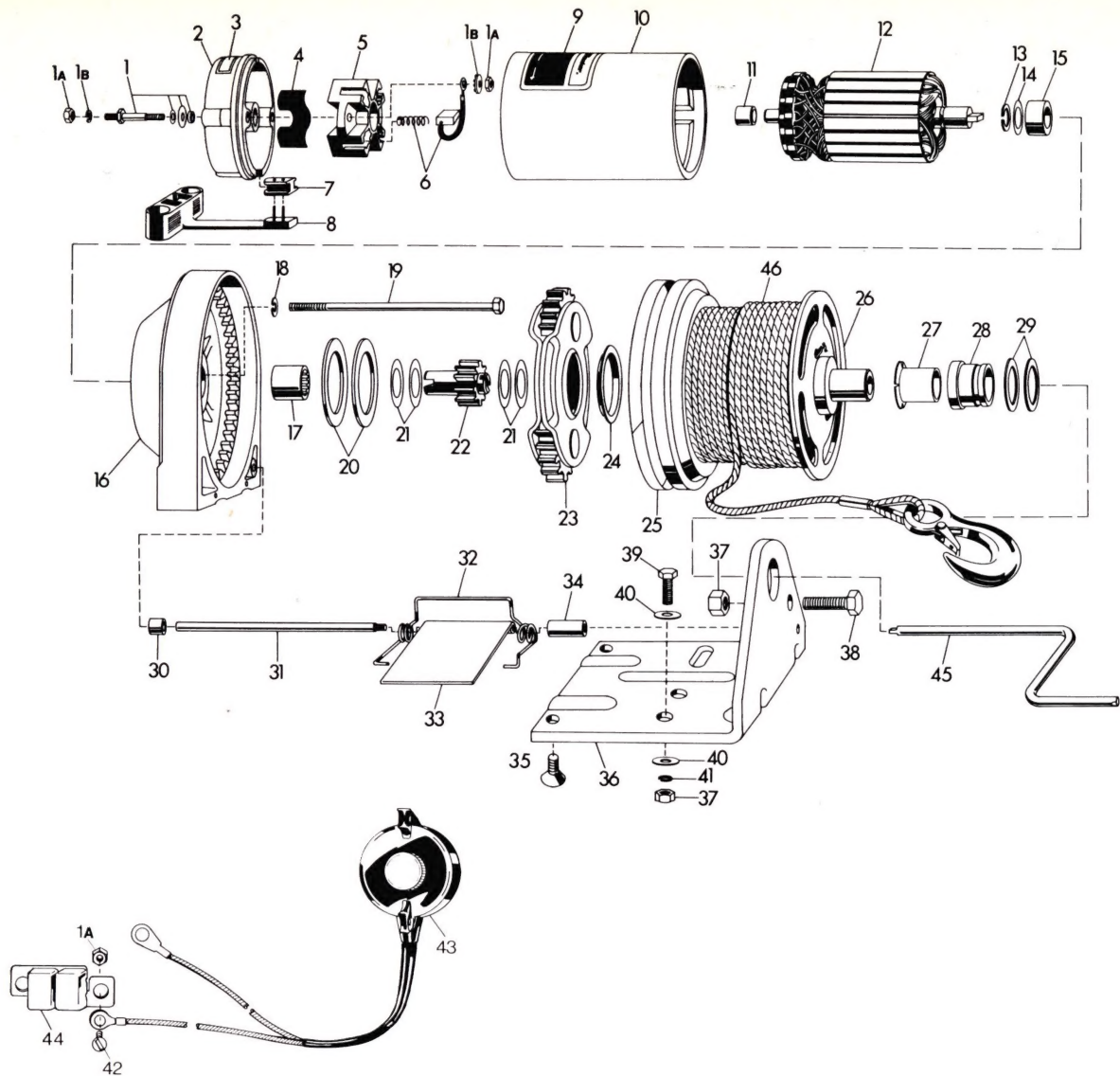
12 VOLT D.C. WINCH

Cat. No.	Type	Volts
6901	1	12

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

Bulletin No. 8278



Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Item No.	Part No.	Description	Qty.
1	91474	Stud, Nut, & Washer	2	22	91448	Gear	1	42	375	#10-32 Screw	1
1A	406	#10-32 Nut	3	23	91455	Gear Assembly	1		60003	Switch, Harness & Circuit Breaker (Incl. 43 & 44)	1
1B	417	#10 Lock Washer	2	24	91454	Nylon Ring	1	43	92423	Switch & Harness (25')	1
2	91471	End Cap (Incl. #11)	1	25	91446	Nylon Strip	1	44	91758	Circuit Breaker (2-40 amp)	1
3	91750	Label	1	26	91458	Spool	1	45	89688	Manual Crank	1
4	91469	Insulation	2	27	91447	Nylon Bushing	1	46	89695	Cable & Hook	1
5	91450	Brush Holder	1	28	91449	Bushing	1				
6	91755	Brush & Spring Kit	1	29	91451	Washer (.020 thick)	AR				
7	91760	Plug	1		91451-01	Washer (.032 thick)	AR				
8	91470	Stud Protector	1		91451-02	Washer (.042 thick)	AR				
9	89684-05	Nameplate	1	30	91465	Spacer	1				
10	91472-01	Motor Housing	1	31	91461	10-32 Screw	1				
11	92419	Sleeve Bearing	1	32	91460	Spring	1				
12	91473-01	Armature (Incl. #13)	1	33	92179	Level Wind Kit (Incl. #30, 31, 32, & 34)	1				
13	91468	Ret. Ring	1	34	91464	Spacer	1				
14	91467	Washer	1	35	91462	5/16-18 Screw	2				
15	92426	Sleeve Bearing	1	36	91456	Bracket	1				
16	91457	Gear Housing (Incl. #15, & 17)	1	37	411	3/8-16 Nut	3				
17	92425	Needle Bearing	1	38	91463	Stud Lock Bolt	1				
18	416	1/4 Lock Washer	2	39	82105	3/8-16 Screw	2				
19	92427	1/4-20 Hex. Head Screw	2	40	421	3/8 Washer	4				
20	91453	Washer	2	41	415	3/8 Lock Washer	2				
21	91452	Washer	4								

Form No. 722275

IMPORTANT!—To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

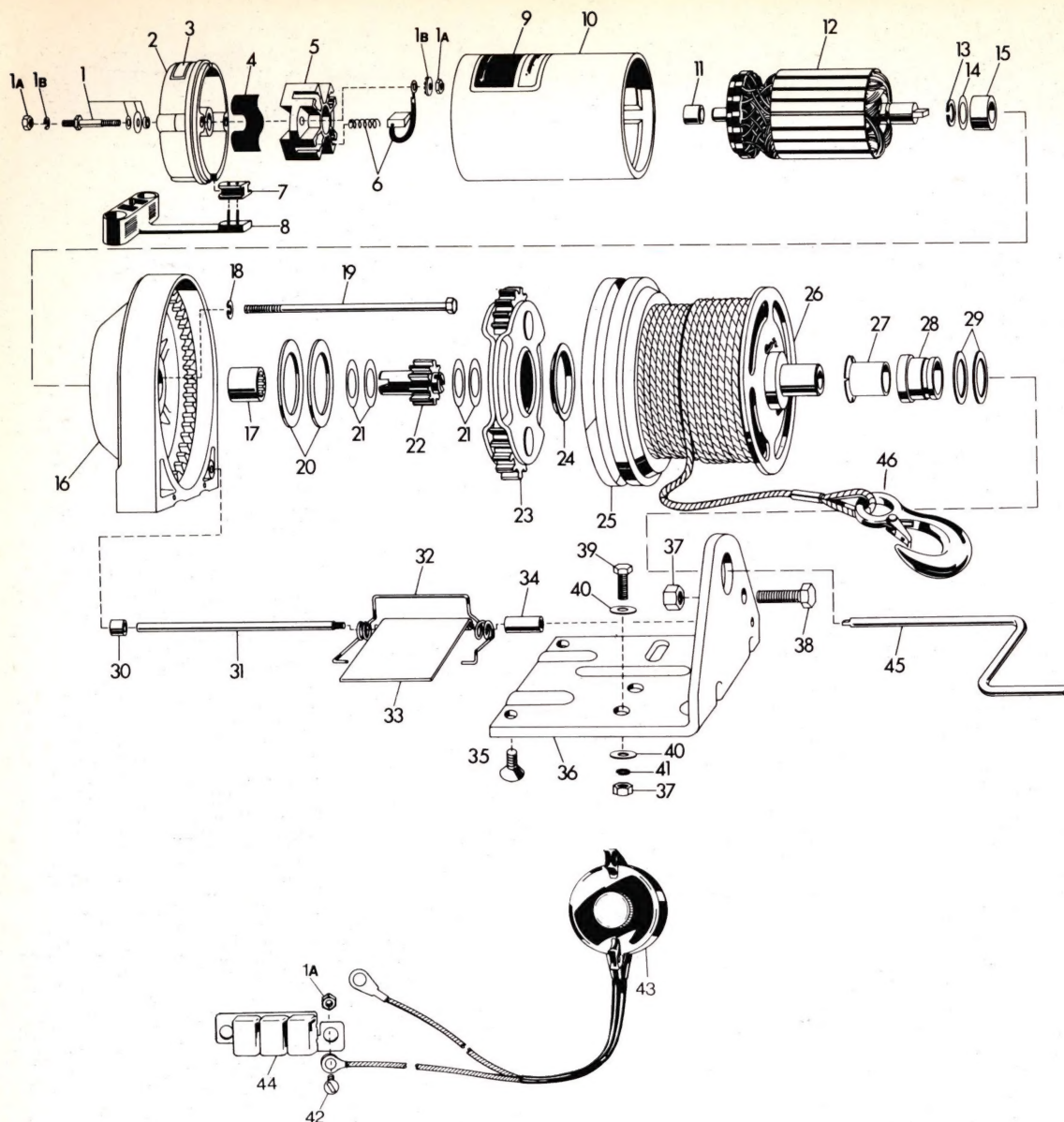
12 VOLT D.C. WINCH

Cat. No.	Type	Volts
6902	1	12

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

Bulletin No. 8279



Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Item No.	Part No.	Description	Qty.
1	91474	Stud, Nut, & Washer	2	22	91448	Gear	1	42	375	#10-32 Screw	1
1A	406	#10-32 Nut	3	23	91455	Gear Assembly	1		60003	Switch, Harness & Circuit Breaker (Incl. 43 & 44)	1
1B	417	#10 Lock Washer	2	24	91454	Nylon Ring	1	43	92423	Switch & Harness (25')	1
2	91471	End Cap (Incl. #11 & 3)	1	25	91446	Nylon Strip	1	44	91759	Circuit Breaker (3-40 amp)	1
3	91750	Label	1	26	91458	Spool	1	45	89688	Manual Crank	1
4	91469	Insulation	2	27	91447	Nylon Bushing	1	46	89685	Cable & Hook	1
5	91450	Brush Holder	1	28	91449	Bushing	1				
6	91755	Brush & Spring Kit	1	29	91451	Washer (.020 thick)	AR				
7	91760	Plug	1		91451-01	Washer (.032 thick)	AR				
8	91470	Stud Protector	1		91451-02	Washer (.042 thick)	AR				
9	89684-06	Nameplate	1	30	91465	Spacer	1				
10	91472	Motor Housing	1	31	91461	10-32 Screw	1				
11	92419	Sleeve Bearing	1	32	91460	Spring	1				
12	91473	Armature (Incl. #13)	1	33	92179	Level Wind Kit (Incl. #30, 31, 32, & 34)	1				
13	91468	Ret. Ring	1	34	91464	Spacer	1				
14	91467	Washer	1	35	91462	5/16-18 Screw	2				
15	92426	Sleeve Bearing	1	36	91456	Bracket	1				
16	91457	Gear Housing (Incl. #15, & 17)	1	37	411	3/8-16 Nut	3				
17	92425	Needle Bearing	1	38	91463	Stud Lock Bolt	1				
18	416	1/4 Lock Washer	2	39	82105	3/8-16 Screw	2				
19	91466	1/4-20 Hex. Head Screw	2	40	421	3/8 Washer	4				
20	91453	Washer	2	41	415	3/8 Lock Washer	2				
21	91452	Washer	4								



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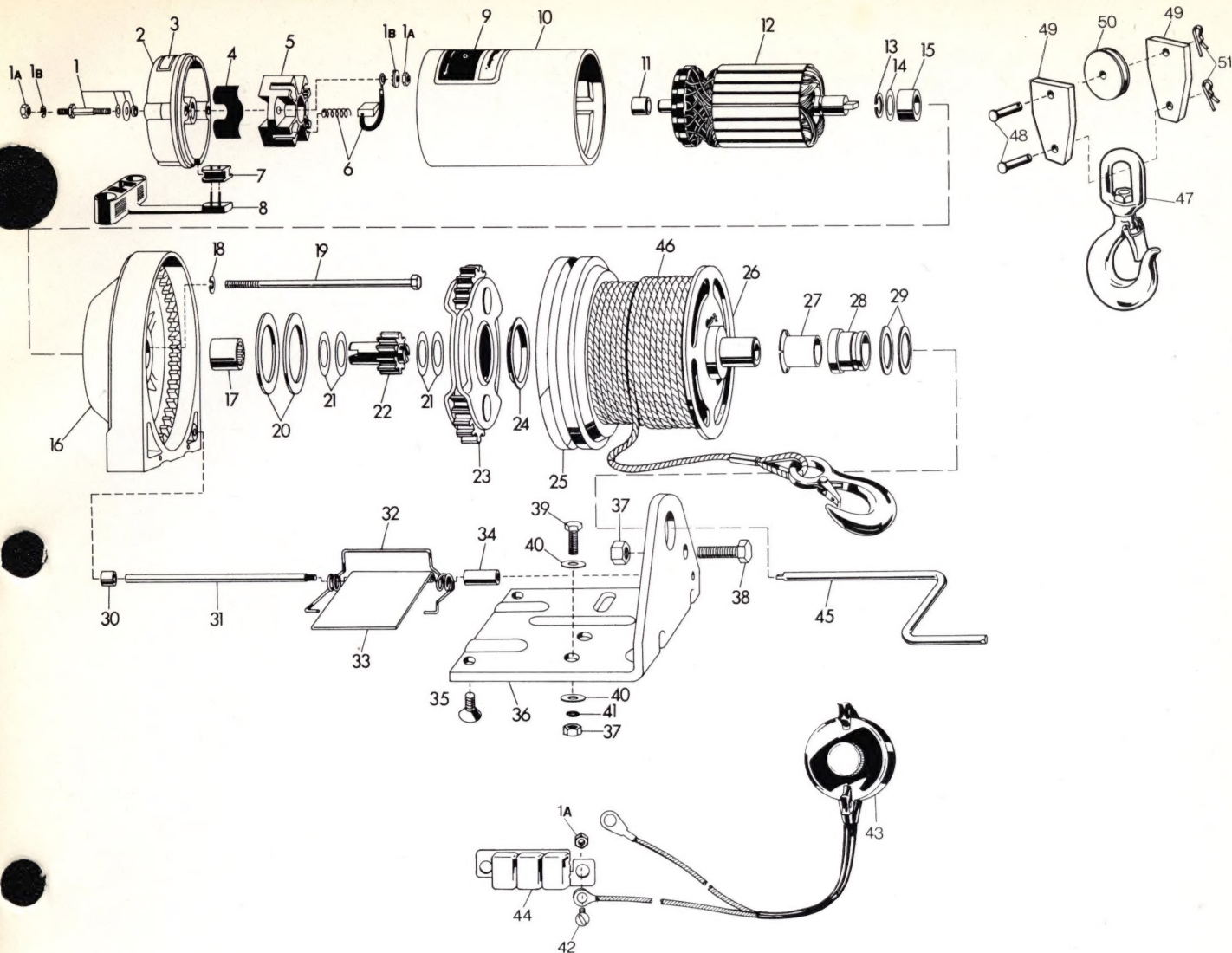
12 VOLT D.C. WINCH

Cat. No.	Type	Volts
6903	1	12

The Black & Decker Mfg. Co.
Towson, Maryland 21204

Printed in U.S.A.

Bulletin No. 8280



Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.	Index No.	Part No.	Description	Qty.
1	91474	Stud, Nut, & Washer	2	24	91454	Nylon Ring	1	45	89688	Manual Crank	1
1A	406	#10-32 Nut	3	25	91446	Nylon Strip	1	46	90592	Cable & Hook	1
1B	417	#10 Lock Washer	2	26	91458	Spool	1	47	60002	Pulley Block (Incl. 48, 49, 50, & 51)	2
2	91471	End Cap (Incl. #11)	1	27	91447	Nylon Bushing	1	48	92420	Pin	2
3	91750	Label	1	28	91449	Bushing	1	49	92418	Plate	2
4	91469	Insulation	2	29	91451	Washer (.020 thick)	AR	50	92421	Pulley	1
5	91450	Brush Holder	1		91451-01	Washer (.032 thick)	AR	51	62455	Clip	2
6	91755	Brush & Spring Kit	1		91451-02	Washer (.042 thick)	AR				
7	91760	Plug	1	30	91465	Spacer	1				
8	91470	Stud Protector	1	31	91461	10-32 Screw	1				
9	89684-07	Nameplate	1	32	91460	Spring	1				
10	91472	Motor Housing	1	33	92179	Level Wind Kit (Incl. #30, 31, 32, & 34)	1				
11	92419	Sleeve Bearing	1	34	91464	Spacer	1				
12	91473	Armature (Incl. #13)	1	35	91462	5/16-18 Screw	2				
13	91468	Ret. Ring	1	36	91456	Bracket	1				
14	91467	Washer	1	37	411	3/8-16 Nut	3				
15	92426	Sleeve Bearing	1	38	91463	Stud Lock Bolt	1				
16	91457	Gear Housing (Incl. #15, & 17)	1	39	82105	3/8-16 Screw	2				
17	92425	Needle Bearing	1	40	421	3/8 Washer	4				
18	416	1/4 Lock Washer	2	41	415	3/8 Lock Washer	2				
19	91466	1/4-20 Hex. Head Screw	2	42	375	#10-32 Screw	1				
20	91453	Washer	2		60003	Switch, Harness & Circuit Breaker (Incl. 43 & 44)	1				
21	91452	Washer	4	43	92423	Switch & Harness (25')	1				
22	91448	Gear	1	44	91759	Circuit Breaker (3-40 amp)	1				
23	91455	Gear Assembly	1								



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12 VOLT D.C. WINCH

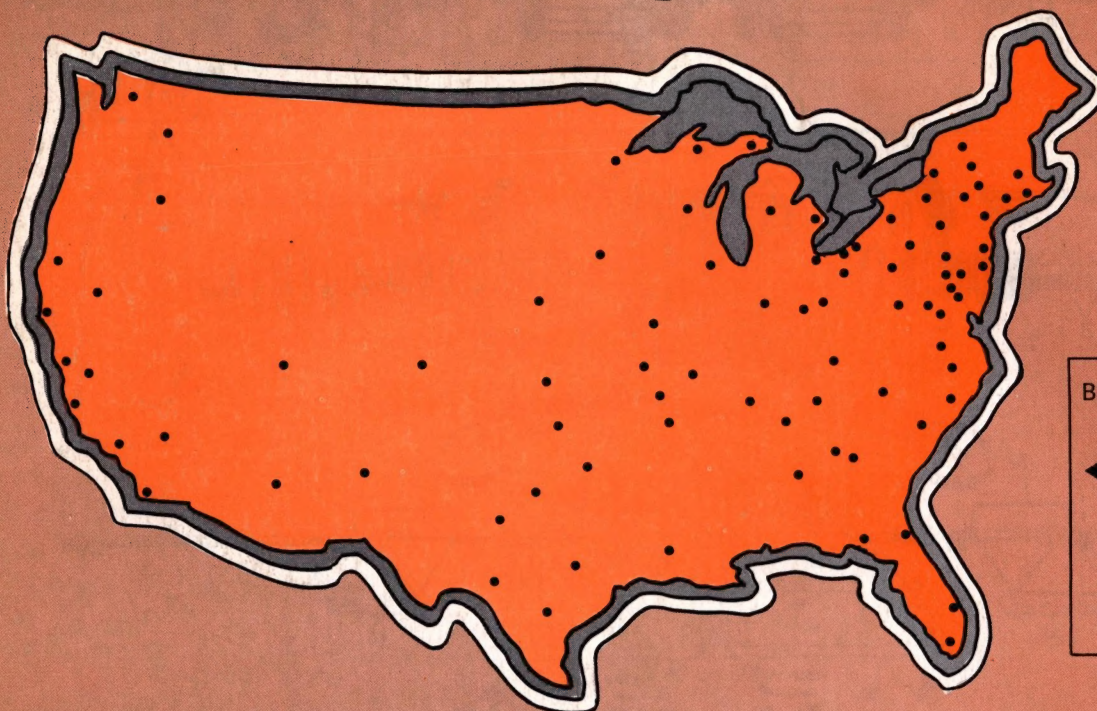
Cat. No.	Type	Volts
6904	1	12

The Black & Decker Mfg. Co.
Towson, Maryland 21204

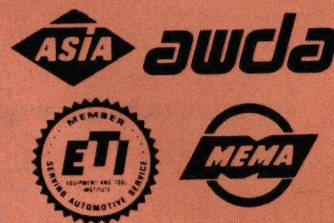
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Bulletin No. 8281

Nationwide parts and service

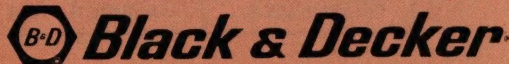


Black & Decker is a member of:



Here is the list of Black & Decker Factory Sales and Service Centers

	Area Code	Telephone No.		Area Code	Telephone No.
ALABAMA: Birmingham 35209, 10 Green Springs Highway	205	879-0538	NEW JERSEY: Paterson (Little Falls) 07424, Route 46 at Lower Notch Road	201	256-9373
ARIZONA: Phoenix 85004, 537 E. McDowell Road	602	258-1332	Union 07083, 2305 U.S. Highway 22, West (1 block West of Flagship)	201	964-7040
ARKANSAS: Little Rock 72201, 519 West Seventh Street	501	372-3040	NEW MEXICO: Albuquerque 87110, 4700 Lomas Blvd. N.E.	505	265-6401
CALIFORNIA: Anaheim 92802, 1235 So. Euclid Avenue	714	772-4050	NEW YORK: Albany (Latham) 12110, 836 Troy-Schenectady Road	518	785-1867
Fresno 93703, 2518 North Blackstone Avenue	209	224-2152	Buffalo 14209, 881 W. Delavan Avenue	716	884-6220
Los Angeles 90007, 2432 So. Broadway	213	749-0371	Great Neck 11021, 98 Cuttermill Road (Sales only)	516	829-9504
Los Angeles 90007, 2510 So. Broadway (Sales only)	213	749-7638	Home Products Division	516	829-9505
Oakland 94606, 1107 East 14th Street	415	TE 4-5944	Professional Division	516	829-9506
Riverside 92506, 4010 Merrill Avenue	714	787-9700	Automotive Division	212	792-2700
Sacramento 95814, 1915 Seventeenth Street	916	444-3188	New York 10462, 1894 E. Tremont Avenue (Bronx)	212	929-6450
San Diego 92105, 3811 El Cajon Blvd.	714	280-3331	New York 10014, 227 Varick Street (Manhattan)	212	335-1042
Santa Clara 95050, 2291 The Alameda	408	241-9162	New York 11377, 56-15 Queens Blvd. (Woodside)	716	454-3814
So. San Francisco 94080, 1139 Airport Blvd.	415	871-7278	Rochester 14620, 476 Clinton Avenue So.	315	446-3086
Van Nuys 91401, 14920 Victory Blvd.	213	787-5531	Syracuse 13224, 2140 Erie Blvd. East	516	997-6140
COLORADO: Denver 80204, 675 Kalamath Street	303	222-0621	Westbury 11590, 1059 Old Country Road (L.I.)	704	375-3721
CONNECTICUT: Bridgeport 06603, 1055 Lafayette Circle	203	368-3419	Fayetteville 28302, P.O. Box 424, Highway 301, So.	919	425-9552
Hartford 06114, 131 Meadow Street	203	249-6241	Greensboro 27403, 1010 West Lee Street	919	275-0906
DISTRICT OF COLUMBIA: Washington Bladensburg, Maryland 20710, 4501 Baltimore Avenue	301	779-3808	Raleigh 27604, 2420 Atlantic Avenue	919	834-8207
Falls Church, Virginia 22046, 129 Annandale Road	703	533-1147	OHIO: Cincinnati 45203, 1225 Western Avenue	513	421-2275
FLORIDA: Jacksonville 32208, 5224 Pearl Street	904	356-2951	Cleveland 44113, 3901 Detroit Avenue	216	651-4243
Miami 33168, 13345 N.W. Seventh Avenue	305	681-6658	Columbus 43227, 3975 East Livingston Avenue	614	237-0821
Orlando 32806, 940 So. Orange Avenue	305	423-1651	Dayton 45420, 617 Watervliet Street	513	252-1821
Tampa 33609, 3401 W. Kennedy Blvd.	813	872-8317	Solon 44139, 32915 Aurora Road (Sales only)	216	248-8839
GEORGIA: Atlanta 30313, 316 Techwood Drive, N.W.	404	524-0431	Solon 44139, 6225 Cochran Road	216	248-5330
Atlanta 30354, 3271 Hamilton Blvd., S.W. (Sales only)	404	762-1728	Toledo 43607, 3231 Dorr Street	419	531-8921
HAWAII: Honolulu 96813, 675 Auahi Street	808	536-9374	Tulsa 74145, 3120 So. Sheridan Road	405	232-7515
ILLINOIS: Chicago 60101, Addison, 1710 West Armitage Court	312	261-8630	OKLAHOMA: Oklahoma City 73106, 1318 Linwood Blvd.	918	622-5666
Chicago 60646, Lincolnwood, 6710 No. Crawford Avenue	312	673-0923	Tulsa 74145, 3120 So. Sheridan Road	503	228-8631
Chicago 60643, Beverly Hills, 10708 So. Western Avenue	312	233-6832	OREGON: Portland 97209, 1640 N.W. Johnson Street	215	435-9544
Des Plaines 60018, 2180 So. Wolf Road (Sales only)	312	827-0083	PENNSYLVANIA: Allentown 18052, 2242 MacArthur Road	717	545-0651
Rock Island 61201, 725 30th Street	309	788-1744	Harrisburg 17112, 6070 Allentown Blvd.	717	393-5251
INDIANA: Evansville 47710, 307 First Avenue, Crescent Center	812	425-4269	Lancaster 17604, 715 Fountain Avenue	215	564-5520
Hammond 46323, 7103 Kennedy Avenue	219	845-5100	Pittsburgh 15232, 5437 Baum Blvd.	412	362-2700
Indianapolis 46202, 1125 West 16th Street	317	632-5569	Wayne 19087, 125 Stafford Avenue, Stafford Bldg. #3 (Sales only)	215	688-0267
IOWA: Des Moines 50312, 2811 Ingersoll Avenue	515	244-7257	RHODE ISLAND: E. Providence 02914, 2777 Pawtucket Avenue ..	401	434-1655
KANSAS: Wichita 67214, 203 No. Mathewson Street	316	263-6571	SOUTH CAROLINA: Greenville 29601, 407 Pendleton Street	803	232-3038
KENTUCKY: Louisville 40209, 4407 Park Blvd.	502	366-1495	TENNESSEE: Knoxville 37917, 4110 No. Broadway	615	688-0921
LOUISIANA: Metairie 70002, 3310 No. Causeway Blvd.	504	832-2550	Memphis 38116, 986 East Brooks Road	901	332-3444
MARYLAND: Baltimore 21211, 203 West 28th Street	301	467-7411	Nashville 37203, 601 Eighth Avenue So.	615	254-1061
Baltimore 21205, 4712 Erdman Avenue	301	485-5550	TEXAS: Amarillo 79106, 3008 West 6th Avenue	806	373-1531
Bladensburg 20710, 4501 Baltimore Avenue	301	779-3808	Dallas 75207, 1808 No. Industrial Blvd. (Service only)	214	741-6401
Hampstead 21074, P.O. Box 197 (Sales only)	301	374-9049	Dallas 75207, 1810 No. Industrial Blvd. (Sales only)	214	747-6345
Rockville 20852, 1020 Rockville Pike	301	340-7377	El Paso 79925, 1400 Magruder Street	915	778-9769
Towson 21204, 701 East Joppa Road	301	828-2910	Fort Worth 76103, 1801 Bomar Street	817	336-0175
MASSACHUSETTS: Boston 02135, 12 Market Street (Brighton) ..	617	782-6264	Houston 77003, 105 Sampson Street	713	228-7521
MICHIGAN: Detroit 48219, 18133 West McNichols Road	313	534-8880	San Antonio 78210, 1111 So. Presa Street	512	534-4611
Detroit-East 48234, 11360 East Seven Mile Road	313	527-5010	UTAH: Salt Lake City 84115, 1541 So. Third West Street	801	486-7056
Flint 48504, G-4083 Clio Road	313	789-6191	VIRGINIA: Falls Church 22046, 129 Annandale Road	703	533-1147
Grand Rapids 49509, 3662 Clyde Park Avenue, S.W.	616	534-7708	Norfolk 23513, 7631 Sewells Point Road	804	480-3333
MINNESOTA: Minneapolis-St. Paul-Bloomington 55420, 9712 Garfield Avenue	612	884-9191	Romford 23222, 1424 Chamberlayne Avenue	804	649-9245
MISSOURI: Kansas City 64108, 2705 McGee Trafficway	816	HA 1-1493	WASHINGTON: Seattle 98109, 701 Third Avenue, No.	206	282-6432
Kansas City 64108, 2705 McGee Trafficway (Sales only)	816	421-1495	Spokane 99207, 3550 No. Market Street	509	489-9164
Kansas City 64111, 4324 Main Street	816	531-0629	WEST VIRGINIA: Charleston 25312, 1638 Sixth Avenue	304	343-0289
St. Ann 63074, 10933 St. Charles Rock Road	314	739-4661	WISCONSIN: Milwaukee 53213, 6301 Blue Mound Road	414	GR6-7800
St. Louis 63110, 615 So. Vandeventer Avenue (Service only) ..	314	533-2210			
St. Louis 63110, 615 So. Vandeventer Avenue (Sales only) ..	314	533-4720			
NEBRASKA: Omaha 68102, 2218 Leavenworth Street	402	345-2330			



MANUFACTURING CO. / TOWSON, MARYLAND 21204